### Dean, Kenneth Purayune ones are well within the city limits. The map shows segment and shows a segment of the control of the c

From: Vincent, Rhea < vincent@mdot.ms.gov>

Sent: Monday, September 28, 2015 1:37 PM

To: Dean, Kenneth

Cc: Kajumba, Ntale; Thurman, Kim; mcguiremt@cdmsmith.com

Subject: RE: Port Bienville RR project - Additional Comment (re: CERCLIS)

Mr. Dean.

We appreciate the comments and we have been forwarding said comments to MDOT's consultant. As requested, I will have our consultant with CDM-Smith look into the data.

Thanks,

Rhea Vincent
Environmental Division
Mississippi Department of Transportation
601-359-7920

From: Dean, Kenneth [mailto:Dean.William-Kenneth@epa.gov]

Sent: Monday, September 28, 2015 12:15 PM
To: Vincent, Rhea <vincent@mdot.ms.gov>
Cc: Kajumba, Ntale <Kajumba.Ntale@epa.gov>

Subject: Port Bienville RR project - Additional Comment (re: CERCLIS)

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### Ken

Wm. Kenneth Dean
EPA-MDOT Liaison
U.S. EPA, Region 4
NEPA Program Office
601-321-1135 (Jackson, MS Office)
404-562-9378 (Atlanta, GA Office)
678-628-2079 (BlackBerry)
dean.william-kenneth@epa.gov

From: Dean, Kenneth

Sent: Friday, September 18, 2015 7:05 PM

To: Vincent, Rhea Cc: Kajumba, Ntale

Subject: Port Bienville RR project

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To: Vincent, Rhea
Cc: Kajumba, Ntale

Subject: Port Bienville RR project - Additional Comment (re: CERCLIS)

Attachments: CERCLIS Sites in Pearl & Hancock Counties (09-18-15).doc;

EnviroMapper Graphic of nearby Superfund Sites (09-18-15).docx

From: Dean, Kenneth

Ter Viacent, Phes

Co. Kalumba, Ntai

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dean.william-kenneth@epa.gov

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Sent: Friday, September 18, 2015 7:05 PM

To: Vincent, Rhea Cc: Kajumba, Ntale

Subject: Port Bienville RR project

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Dean, Kenneth

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dean.william-kenneth@epa.gov

CERCLIS database check: (9/18/2015)

Search Criteria:

Active vs. Archived:

Active

County:

HANCOCK

State(s):

Mississippi

Found 5 site(s) that match your search criteria listed above.

Displaying sites 1 through 5

EPA ID W	Site Name	City V	County W	State W	Non-NPL Status	Non-NPL Status Date	NPL Status
MSN000407678	BAY ST. LOUIS HIGH SCHOOL MERCURY	BAY ST LOUIS	HANCOCK	MS	RO	09/24/2003	Not NPL
MSN000407673	HANGOCK COUNTY MERCURY RELEASE	KILN PM	HANCOCK	MS	RO	09/10/2003	Not NPL
MSN000410432	POLYCHEMIE DIMETHYLAMINE RELEASE	PEARLINGTON	HANCOCK COMAH	MS	RO	08/05/2013	Not NPL agga
	TENNESSEE GAS PIPELINE/CS 530	BAY ST. LOUIS	HANCOCK	MS	RN ,	12/07/2011	Not NPL
MS1800090002	US NASA STENNIS SPACE CENTER	STENNIS SPACE CENTER	HANCOCK	MS	OF	10/31/1998	Not NPL

have it so else that match your search or one listed above.

Search Criteria:

Active vs. Archived:

**Archived** 

County:

HAN COCK

State(s):

Mississippi

Found 5 site(s) that match your search criteria listed above.

Displaying sites 1 through 5 band modes done to the figure a brough

EPA ID	Site Name	City 🔻	County V	State V	Non-NPL Status	Non-NPL Status Date	NPL Status
MSD124353301	BERGERON MARINE	PEARLINTON	HANCOCK	MS	NF	01/31/1992	Not NPL
MSD000742668	BORG-WARNER CHEMICALS	PEARLINGTON	HANCOCK	MS	NF.8	03/01/1984	Not NPL DoineM
	PHILLIPS PETROLEUM CO WAVELAND PLT	WAVELAND	HANCOCK	MS	NF	06/01/1984	Not NPL
MSD980403133	SAM WHITFIELD TIM INTERNATIONAL	KILN =M	HANCOCK O MAH	MS	NF	09/25/1987	Not NPL DOMEN
MS0800016123	USA MISSISSIPPI ARMY AMMO PLANT	BAY ST LOUIS	HANCOCK	MS	NF YAA	07/01/1984	Not NPL

Displaying sites 1 through 5

Search Criteria:

Active vs. Archived:

Active

County:

PEARL RIVER

State(s):

Mississippi

Found 6 site(s) that match your search criteria listed above.

### Displaying sites 1 through 6

EPA ID	Site Name	City 🔝	County 🗸	State 7	Non-NPL Status	Non-NPL Status Date	NPL Status
MSN000410229	CROSEY-GAMMILL PROPERTY	PICAYUNE	PEARL RIVER	MS	RO	07/11/2008	Not NPL
MSSFN0407146	CROWN ZELLERBACH ABANDONED SITE	POPLARVILLE	PEARL RIVER	MS	NF	10/28/2003	Not NPL
MSN000407543	DELTA TERMINALS RELEASE	MCNEILL	PEARL RIVER	MS	RO	10/09/2002	Not NPL
MSN000410727	PEARL RIVER FISH KILL	POPLARVILLE	PEARL RIVER	MS	RO	08/14/2011	Not NPL
MSN000410205	PICAYUNE CITY DUMP	PICAYUNE	PEARL RIVER	MS	RO	04/11/2008	Not NPL
MSD065490930	PICAYUNE WOOD TREATING SITE	PICAYUNE	PEARL RIVER	MS	[Blank Code]	[Blank Date]	Final NPL

Found Studies that match your search exterior offer a bove.

Search Criteria:

Active vs. Archived:

**Archived** 

County:

PEAPL RIVER

State(s):

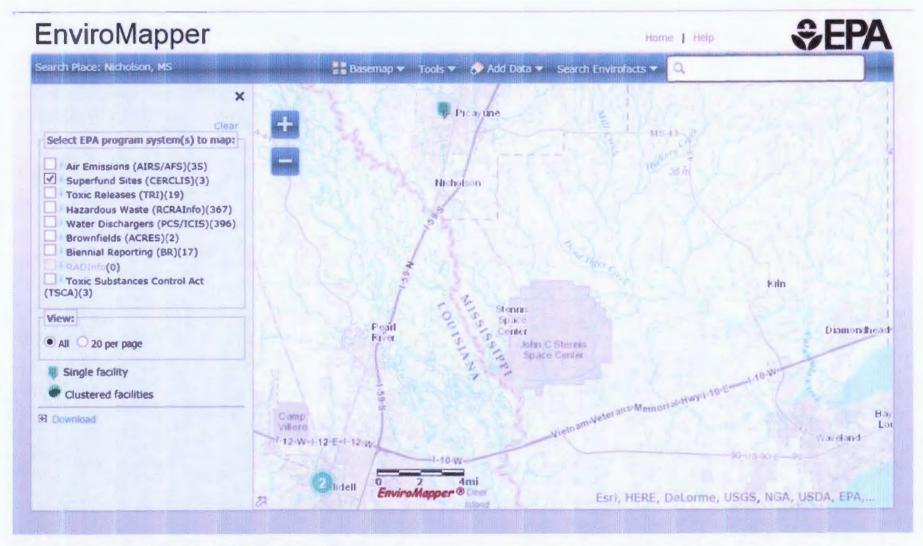
Mississippi

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### Displaying sites 1 through 5

EPA ID	Site Name	City 🔽	County	State 💎	Non-NPL Status	Non-NPL Status Date	NPL Status
MSD084662832	CROSBY CHEMICALS	PICAYUNE	PEARL RIVER	MS	NF	05/08/1991	Not NPL
MSD008184657	CROSBY FOREST PRODUCTS CO INC	PICAYUNE	PEARL RIVER	MS	NF	04/17/1989	Not NPL
MSD008194144	PEARL RIVER WOOD PRESERVING CORP	PICAYUNE	PEARL RIVER	MS	NF	03/14/1988	Not NPL
MSD981854896	POPLARVILLE PESTICIDE DUMP	POPLARVILLE	PEARL RIVER	MS VAIA	NF NF	09/09/1987	Not NPL DOMEN
MSD094907995	WAGNER INDUSTRIES, INC	PICAYUNE	PEARL RIVER	MS	NF ADIS	09/01/1982	Not NPL DEEDEARAGEM

Displaying sites 1 through 5



Enviromapper: 2 sites in Slidell LA (Region 6) plus Picayune



### Dean, Kenneth

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Sent: Friday, September 18, 2015 7:05 PM

To: Vincent, Rhea
Cc: Kajumba, Ntale

Subject: Port Bienville RR project

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For:
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Thanks, Ken

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### PORT BIENVILLE RAILROAD

Phase 2, Environmental Impact Statement (EIS)

### **Agency Scoping Meeting**

Wednesday, August 19, 2015

1:30 PM

MDOT, Jackson, MS

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### **Agenda**

### I. Welcome and Introductions

- a. Purpose of the Meeting
- b. Introductions/Sign-in Sheet
- c. Comments from FRA

### II. History of the Project - Feasibility Study

- a. Purpose of the Project
- b. Phase 1 Feasibility Study Efforts &
  - i. GIS based Study
  - ii. <u>Conclusions & Reports</u>
- c. Phase 2 NEPA & Preliminary Design
  - i. Scope & Schedule (flow chart of Phase 2 process)

Page forward

VI. Next Meeting

V. Conclusion

Mollasa Hatcher

Winhelite

- ii. Where we are in the process
- iii. Study Area Map of Potential Alternative Segments
- iv. Summary by Segment

### III. Overview of the Agency Coordination/Public Involvement Plan

- a. Overview of the Agency Coordination Plan
- b. Participating vs Cooperating Agencies
- c. POC's

PORT PIRMYILLE RALEROAD Phase 2, Environmental Impact Statement (EIS)

Agency Scoping Meeting

Wednesday, August 15, 2015

L. Weicome and Introductions

II. History of the Project - Feasibility Study

MIDOT, Jarkson, MS

Agenda

### IV. Path forward

- a. Draft Purpose Statement
- b. Refinement of the Alternatives
- c. DEIS

### V. Open Discussion - Comments & Questions

**VI. Next Meeting** 

V. Conclusion

### Website:

http://sp.mdot.ms.gov/Environmental/Pages/Projects.aspx

Conclusions & Reports

Purpose of the Meeung

introductions/Sien-in Sheet

### **FRA Project Website:**

https://www.fra.dot.gov/Page/P0798

### **Contact information:**

### Kim D. Thurman

Environmental Division Administrator Mississippi Department of Transportation Phone: (601) 359-7922 Fax: (601) 359-7355 e-mail: kthurman@mdot.state.ms.us

### Melissa Hatcher

**Environmental Protection Specialist** Federal Railroad Administration Thomas Total Property of the Wolview O. 181 Office of Railroad Policy and Development 1200 New Jersey Avenue, SE Washington, DC 20590 (202) 493-6075 Melissa.Hatcher@dot.gov

### Dean, Kenneth

From: Vincent, Rhea <vincent@mdot.ms.gov>

Sent: Thursday, August 13, 2015 10:38 AM

To: Kajumba, Ntale

Cc: Dean, Kenneth; Thurman, Kim; 'McGuire, Michael T'

Subject: Port of Bienville

Attachments: Port B Updated Matrix for EIS 2015.pdf:

AART\_PtB\_Reasonable\_Alts\_Wetlands-Aug;2015red.pdf; Pt Pt Handout

MM2.pdf; Port Bienville PPT\_8\_6\_15red.pdf

Ms. Ntale,

Other information you may be interested in.

FRA website

https://www.fra.dot.gov/Page/P0798

Thanks,

Rhea Vincent Environmental Division Mississippi Department of Transportation 601-359-7920

Subject: Attachments:

Thursday, August 13, 2015 10:38 AM Kajumba Mole

Dean, Kerwatt: Thurman, Kim; McGuire, Michael T.

Port of Bienville

Port B Updated Warrix for EIS 2015 pdf.

Vincent Rhea evincent@indotims.gov>

ART PIB Resonable Alb Wallands-Aug2015red pdf, PB PI Handout

WM2,pdf Port Rienville PPT 8, 6, 15red.pdf

Mississippl Department of Transportation

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CATEGORY		Unit of Measure	Segments 1a+1b+3	Segments 1a+4	28+3	Segment 2b	2c +3	Segment 5	Segment 6a	Segment 6b	Segment 7	Segment 8a	Segment 8b Segment 9	Segment 9	Segment 10a	Segment 10a Segment 10b Segment 11	Segment
EBIV.	Length	Miles	2.55	2.56	2.59	2.47	2.59	0.05	0.92	0.92	4.84	98.0	0.83	5.99	4.95	5.18	3.46
LIMD EXCLNI	Total Estimated Implementation Cost	\$ Millions	9.20	9.20	9.30	9.20	9.40	2.90	7.90	2.10	20.10	1.60	1.50	26.30	24.60	23.60	5.70
		Andrew	29.03	31.57	41.60	43	35.48	1	п	17	81	88	10	52	95	92	· v
	Wetland Impacts	Arrespond	0.15	0.15	0.15	0.15	0.15	60:0	0.20	0.52	0.21	00:0	00:0	0.40	0.51	0.51	0.00
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	Take Change Institute	i de la	3.643	1.531	1,584	1,162	1,637	0	0	0	2,059	0	0	6,178	3,854	3,432	4,435
	Cost of Impacts to Streams	\$200 per linear feet @ 50%	~	\$153,120	\$158,400	\$116,160	\$163,680	\$0	\$0	\$0	\$205,920	\$0	8	\$617,760	\$385,440	\$343,200	\$443,520
			1														
1	CERCIA	Acreage	0.00	0.00	000	00'0	0.00	00:0	00:0	0.00	00:0	00:0	00'0	00:00	00:0	000	0.25
	Archaeological Sites	Acreage	0.00	00:00	00:0	0.00	00:0	0:00	0.00	0.00	0.00	00:0	000	1.10	0.00	0.00	0.00
	High Probability		28.21	27.75	17.66	13.87	15.59	0.00	0.03	0.61	23.40	2,69	2.72	46.57	20.72	77.62	30.20
	Medium Probability		14.76	13.05	19.96	17.24	26.74	0.04	2.85	5.98	68.07	12.85	10.23	74.61	74.89	60.34	46.55
	Farmland (Prime)		1.49	1.49	0.00	000	0.28	0.00	000	0.00	15.78	7.05	4.05	54.59	44.72	51.42	68.48
YDE	Farmland (Prime if Drained)	Acreage	18.38	18.84	22.37	19.05	22.59	0.04	12.52	11.95	15.11	6.61	8.98	16.85	25.80	45.23	3.31
IV-V	Farmland (Statewide Importance)	Acreage	000	00.0	0.00	0.00	00.0	000	0.00	0.00	00:0	1.39	1.99	0.00	0.00	0.70	00.00
	Mines	Acreage	00'0	00.0	0.00	5.78	2.26	0.00	0.00	00'0	000	0.00	0.00	0.00	2.34	0.84	0.41
	Bombing Ranges	*	000	0.00	00.00	0.00	0.00	0.00	00:00	0.00	45.53	21.33	20.24	145.31	23.18	24.09	0.00
	Recreational Facilities	Acreage	00'0	000	0.00	000	00'0	0000	00'0	00'0	00:00	00:0	000	00'0	00'0	000	0.00
5													L				
AND R	Water Wells	Acreage	1.02	0.67	1.02	0.67	1.22	0.78	0.72	0.72	0.18	00.0	00:00	00:00	0.23	1.28	4.10
- अगुरुष	Transmission Line Crossings	<b>38</b> .	00.0	0:00	0.00	0000	000	00'0	0.00	00:00	2.00	00'0	0.00	0.00	00'0	0.00	0.00
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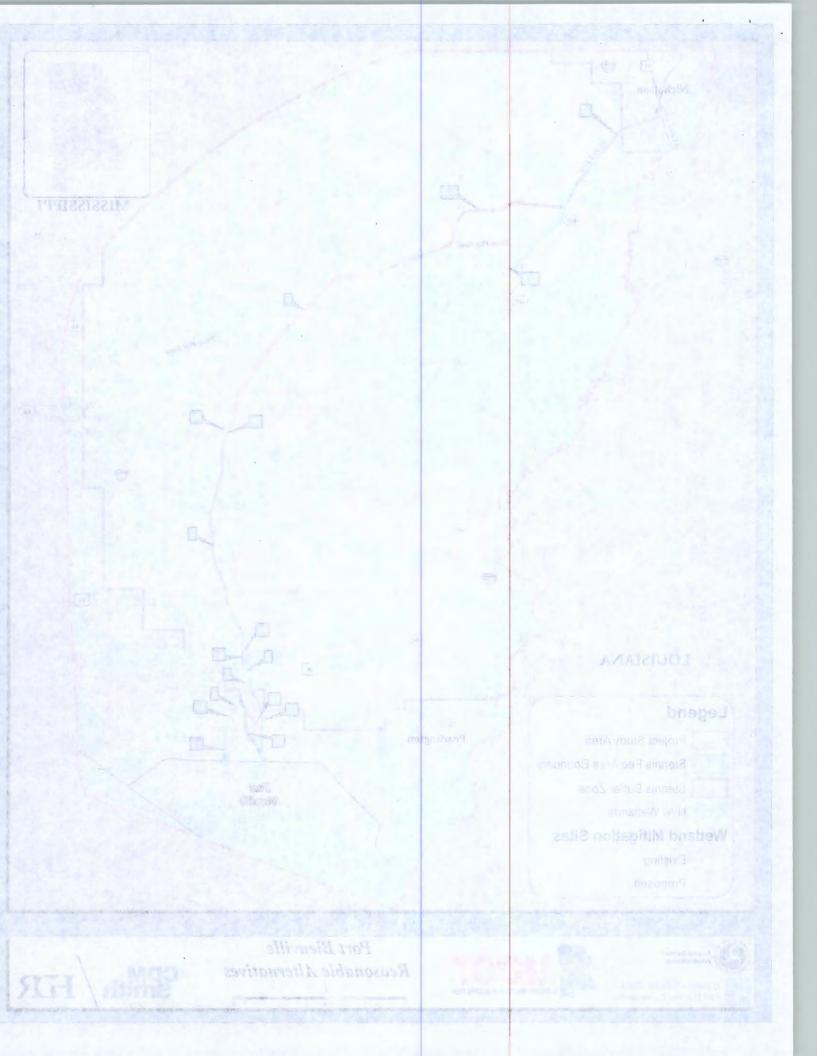






Port Bienville Reasonable Alternatives





# PORT BIENVILLE RAIL STUDY ENVIRONMENT IMPACT STATEMENT PUBLIC SCOPING MEETING

### **PURPOSE**

"Evaluate the feasibility and environmental impacts assoicated with constructing a new freight railroad to connect Port Bienville Industrial Park to Norfolk Southern Railroad in Nicholson, MS"

### **PROJECT HISTORY**

- Hancock County Ports & Harbor Commission secured a Federal Railroad Administration Grant for the Port Bienville Rail Study in 2007
- FRA is the lead Federal Agency overseeing the project
- Mississippi Department of Transportation is Contracting Agency and manages the study
- Feasibility Study was completed in 2013
- Notice of Intent issued in June 2015

### **PROJECT FACTS**

- Approximately 24 miles in length
- Crosses over I-10 and I-59
- Majority of the project lies within the Stennis
   Space Center Acoustical Buffer
- No building impacts anticipated
- Cost is approximately \$100 million



### FEASIBILITY STUDY FINDINGS

A new rail connection to Norfolk Southern would provide existing business:

- Access to dual Class 1 rail service
- Improved transit times and reliability of deliveries

"Dual Class 1 rail access would enable Hancock & Pearl River Counties to attract new industries that require this level of rail service"

### **ECONOMIC DRIVERS**

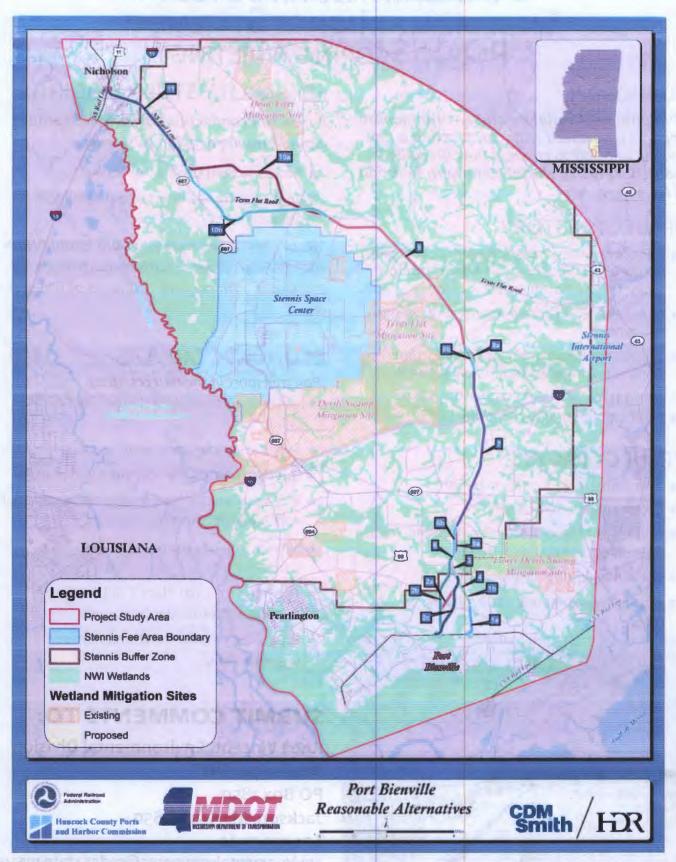
(Rail transport in the two counties)

- Value of commodities shipped by rail: \$1 billion
- 543,000 carload tons/year
- Goods are primarily polymers and plastics
- 70% of plastic-related freight moves through Port Bienville Shortline Railroad
- Service impacts from single Class 1 Rail Carrier
- The need for Dual Class 1 rail service for existing and potential customers
- Expansion of client base and market opportunities.

### **SUBMIT COMMENTS TO:**

Rhea Vincent, Environmental Division Mississippi DOT PO Box 1850 Jackson, Ms 39215-1850 601-359-7920 environmentalcomments@mdot.state.ms.us

### PROPOSED RAIL SEGMENTS IDENTIFIED IN FEASIBILITY STUDY



### **ADDITIONAL PROJECT INFO:**

Port Bienville Rail Feasibility Study http://sp.mdot.ms.gov/Environmental/Pages/Projects.aspx

# Port Bienville Rail EIS Scoping Meeting

Rhea Vincent
Mike McGuire

August 19, 2015

Smith

# Agenda

- Project History
- Funding
  - Process
- Future Steps



## Study Area



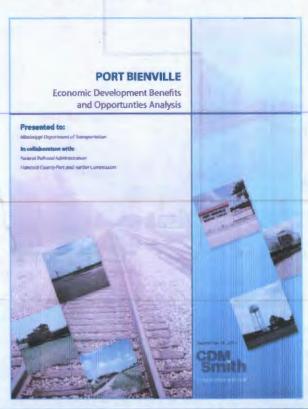
# **Project History**

- HCPHC secured USDOT Grant for Port Bienville Rail Study in 2007
- FRA is led Federal Agency overseeing the EIS

Mississippi Department of Transportation is Contracting Agency and

manages the Study

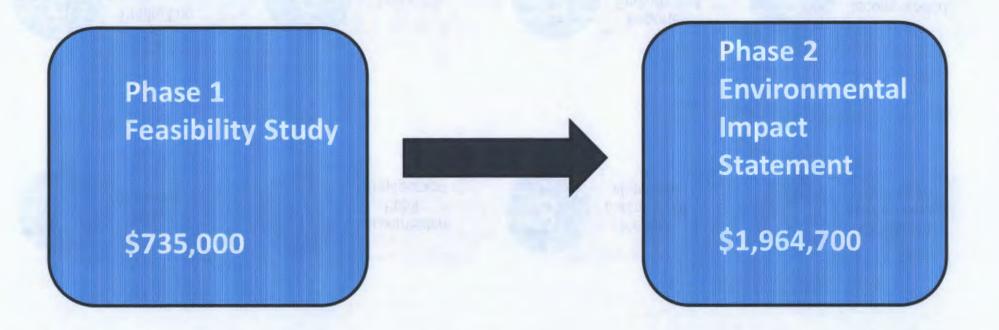
- Consultant team is led by CDM Smith
- \$2,699,700 Grant Funding Studies
- Scope of work for the Studies:
  - Feasibility Study (completed)
  - Environmental Impact Statement and Preliminary Design (starting)





### Funding

Current Grant supports study efforts only



 A number of funding opportunities have been identified for future phases of work but none have been secured at this time.



# Phase 1 Feasibility



- Stakeholder/ **Public Engagement**
- Identify potential rail alignment
- **GIS-Based Environmental** Overview

- **Prelim Eng Initial Cost Estimates**
- **Economic Impact Study**
- Reported findings and new rail line feasibility urrent Grant sumorts study effortsionly
- Recommended Proceeding to Phase 2



# Map of Potential Alternative Segments

- Exhaustive efforts to
   Minimize Impacts to the
   Natural & Human
   Environment
- 16 Potential Rail Line
   Alternatives Segments
   Identified for Further Study
- 40 possible alignment combinations
- All alignment combinations skirt around the Stennis Fee Area
- Use a portion of the existing rail bed



# **Constraints Identification Summary**

			RECOM	RINEH SE		OMPARIS RI_BIENNII						LS (200 too	it corridors	2	DI-M		- 19
EGORY		Unit of Measure	Segments 1a+1b+3	Segments 1a+4	28+3	Segment 2b	2c+9	Segment 5	Segment 6a	Segment 6b	Segment 7	Segment Sa	Segment 8b	Segment 9	Segment 10s	Segment 10t	Segmen
1								Elling	<u>-</u>		170	1017			The same		
	Length	Miles	2.55	2.56	2.59	2.47	2.59	0.05	0.92	0.92	4.84	0.88	0.83	5.99	4.95	5.18	3.4
P.		\$ Millions	9.20	9.20	9.30	9.20	9.40	2.90	7.90	2.10	20.10	1.60	1.50	26.30	24.60	23.60	5.
	Total Estimated Implementation Cost	\$ Millions	9.20	9.20	9.30	9.20	9.40	2.90	7.90	1 2.10	20.10	1.60	1.50	26.30	24.50	23.60	5.
	Wetland Impacts	Acreage	29.03	31.57	41.50	43	35.48	1	11	17	81		10	52	56	26	
	Shading Impacts	Acreage	0.15	0.15	0.15	0.15	0.15	0.09	0.20	0.52	0.21	0.00	0.00	0.40	0.51	0.51	0.0
	Wetland Quality	Value	114	123	138	262	146	44	387	398	487	18	\$5	1,057	455	658	35
	Cost of Impacts to Wetlands	\$60K per acre @ 50%	\$870,900	\$947,100	\$1,248,000	\$1,277,100	\$1,064,400	\$38,100	\$330,600	\$495,300	\$2,439,000	\$254,700	\$311,700	\$1,557,300	\$1,665,900	\$771,300	\$174
100	Devil's Swamp Mitigation Bank	Acreage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
4 8 1	Proposed Texas Flat Mitigation Bank	Acreage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.12	0.00	0.00	0.0
	Cost of Impacts to Mitigation Banks	\$120K per acre @ 50%	0.00	0.00	0.00	\$0	0.00	\$0	\$0	so	\$0	\$0	\$0	\$787,200	\$0	\$0	s
		UF	430	430	430	430	430	283	587	1500	596	0	0	1174	1469	1482	,
	Length of Wetland Bridging Streams 303(d)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.04	0.04	0.
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	MydroLine-Street	Mint	0.00	0.00	BAB	TION	033	0.006	ŏ.000	15,00	9.60	0.60	0.00	0.07	9.04	0.09	- 4
	Stream/Niver-named	Maria Company of the		0.00	16/05	5.05	0.05	B.660	9.00	8.60	607	0.00	7.00	9.06	0.04	0.04	
	Strong/River-other	Miss	0.00	0.006	32.00	0.00	0.265	0.00	0.06	1E.00	505	0.00	0.00	2.63	day	613	
	Antholitath	sanis beared Miller consissions	5.00	0.00	anicia Milita	H.IG	19.00	0.00	0.06	9.10	AAK	0.00	0.00	0.05	tino	0.00	
	Total Streets impacts	Milik	5.89	0.7k	19.50	8.72	531	0.00	9.00	16.000	235	0.00	0.00	1.17	0.73	0.65	
	Total Stream Impacts	Feet	3,643	1,531	1,584	1,162	1,637	0	0	0	2,059	0	0	6,178	3,854	3,432	4,4
	Cost of Impacts to Streams	\$200 per linear feet @ 50%	\$364,320	\$153,120	\$158,400	\$116,160	\$163,680	\$0	\$0	\$0	\$205,920	\$0	\$0	\$617,760	\$385,440	\$343,200	\$443
						T		T	1	T		46-			1		
	CERCLA	Acreege	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.
	Archaeological Sites	Acreage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.10	0.00	0.00	0.
	High Probability	Acreage	28.21	27.75	17.55	13.87	15.59	0.00	0.03	0.61	23.40	2.69	2.72	46.57	20.72	29.77	30.
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	Farmland (Prime)	Acreage	1.49	1.49	0.00	0.00	0.28	0.00	0.00	0.00	15.78	7.05	4.05	54.59	44.72	51.42	68.
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	Farmland (Statewide Importance0	Acreage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.39	1.99	0.00	0.00	0.70	0.0
	Mines	Acreage	0.00	0.00	0.00	5.78	2.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.34	0.84	0.
	Bombing Ranges	*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.53	21.33	20.24	145.31	23.18	24.09	0.0
	Recrestional Facilities	Acreage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.
H	Water Malle	Accesses	1.02	0.67	1.02	0.67	1.22	0.78	0.77	0.72	0.10	0.00	0.00	0.00	0.33	120	
	Water Wells	Acreage							0.72	0.72	0.18	0.00			0.23	1.28	4.
	Transmission Line Crossings		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.
	Gas Line Crossings		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	2.00	0.00	0.



# Proposed Project or Proposed Action

- 24 miles in length
- Cross I-10 and I-59
- Avoids Devils Swamp and other wetland mitigation banks
- Texas Flat Mitigation Bank
- Potential for <50 acres of wetland impacts
- Potential for 1 mile of wetland bridging
- Approximately \$100 M implementation cost



# Completion of Three Studies

Approximately \$100 M



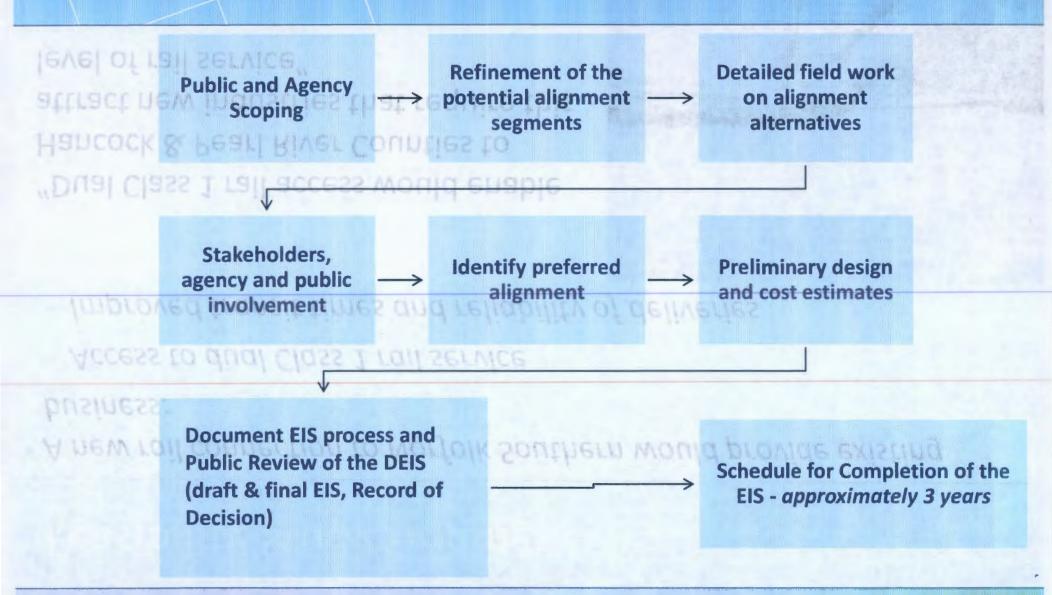
## Feasibility Study Findings

- A new rail connection to Norfolk Southern would provide existing business:
  - Access to dual Class 1 rail service
  - Improved transit times and reliability of deliveries

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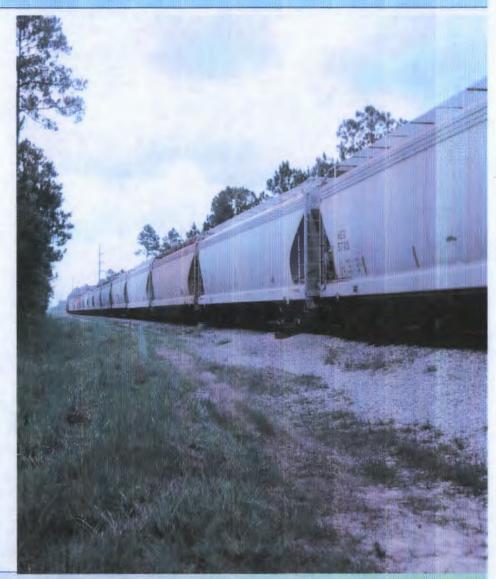
### Phase 2 – Environmental Impact Statement (EIS)

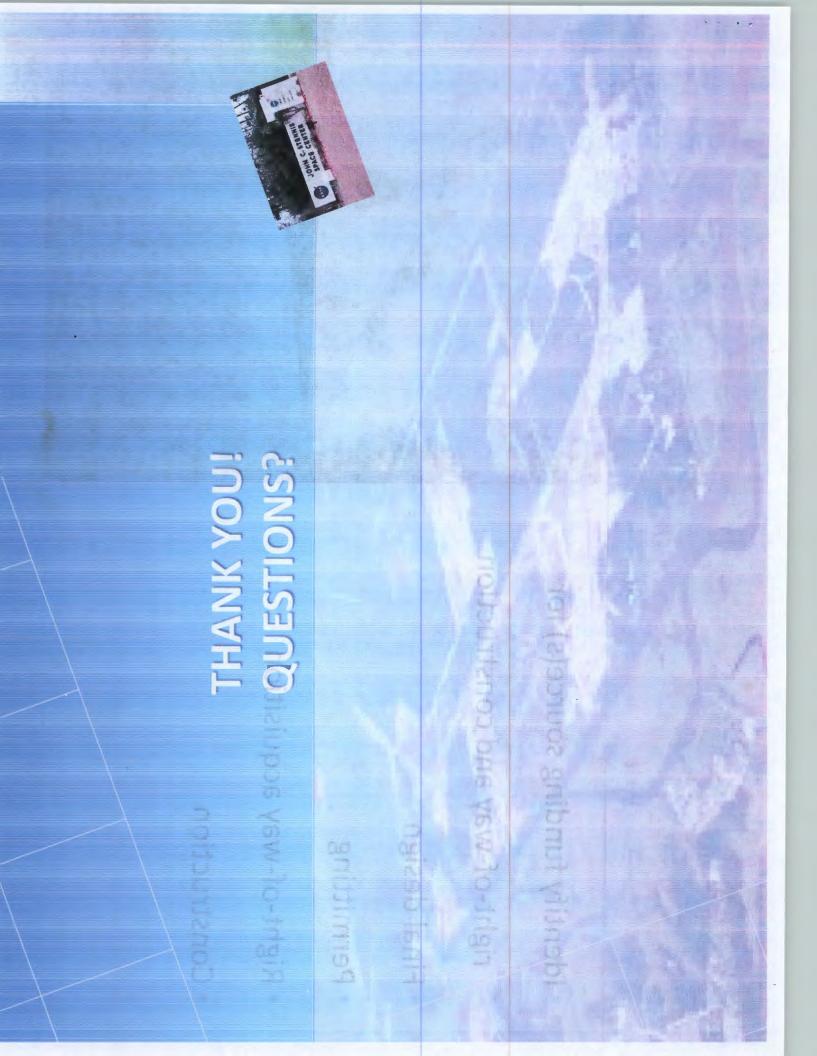




# **Future Steps**

- Identify funding source(s) for right-of-way and construction
- Final design
- Permitting
- Right-of-way acquisition
- Construction





Mark C. McConnell
Deputy Executive Director/
Chief Engineer

Charles R. Carr Director Office of Intermodal Planning



Melinda L. McGrath Executive Director Lisa M. Hancock
Deputy Executive Director/
Administration

Willie Huff Director Office of Enforcement

P. O. Box 1850 / Jackson, MS 39215-1850 / Telephone (601) 359-7001 / FAX (601) 359-7110 / GoMDOT.com

July 28, 2015

Heinz Mueller U.S. Environmental Protection Agency Atlanta Federal Center, 61 Forsyth St., SW Atlanta, GA 30303

Subject:

Resource Agency Scoping Meeting - Port Bienville, Hancock County

Dear Mr. Mueller:

The Mississippi Department of Transportation (MDOT) in conjunction with the Federal Railroad Administration (FRA) is currently initiating efforts to conduct an Environmental Impact Statement (EIS) in order to provide a project that would connect the Port Bienville Short Line Railroad in Hancock County with the southern mainline of the Norfolk Southern Railroad in Pearl River County. As part of our diligence to assess feasible and prudent solutions, we respectfully request your participation during this environmental process which includes a scoping meeting to discuss any concerns your agency may have for the project and/or the project's study area. The meeting will be held on Wednesday, August 19, 2015, at 2:00 p.m. in the first floor conference room of MDOT's Administration Building located at 401 N. West Street, Jackson, MS. Additionally, the scoping process will continue with a public meeting from 4:00 pm to 7:00 pm on Thursday, August 20, 2015 at the Port Bienville Training Facility, 3060 Port & Harbor Drive, Pearlington, MS.

If you have any questions or need additional information, please do not hesitate to contact Mr. Rhea Vincent with the MDOT Environmental Division at telephone number (601) 359-7920. You may also provide any comments via email at <a href="mailto:environmentalcomments@mdot.state.ms.us">environmentalcomments@mdot.state.ms.us</a>. We look forward to meeting with you and/or members of your staff.

Sincerely,

Kim Thurman

**Environmental Division Administrator** 

KDT/SVD: tbs

**Enclosures** 

cc: Mr. John Winkle, Project Team Leader, Federal Railroad Administration

ce: Mr. Kenneth Dean, EPA-MDOT Liason

cc: Ms. Amy Mood, Asst. Chief Engineer - PreConstruction

cc: Mr. Kelly Castleberry, District VI Engineer

Transportation: The Driving Force of a Strong Economy

Wartic, McConnell Deputy Executive Oirector/ Chief Engineer

Charles R. Carr Director Office of Intermodal Planning



Lisa M., Hancocki Deputy Executive Director/ Administration

> Willie Huff Director Office of Enforcement

> > Wellnds L. McGrath Executive Director

R. O. Sox 1850 / Jackson, 4/S 19215-1850 / Telephone (601) 359-7001 / FAX (601) 359-7110 / GoMDOT.com

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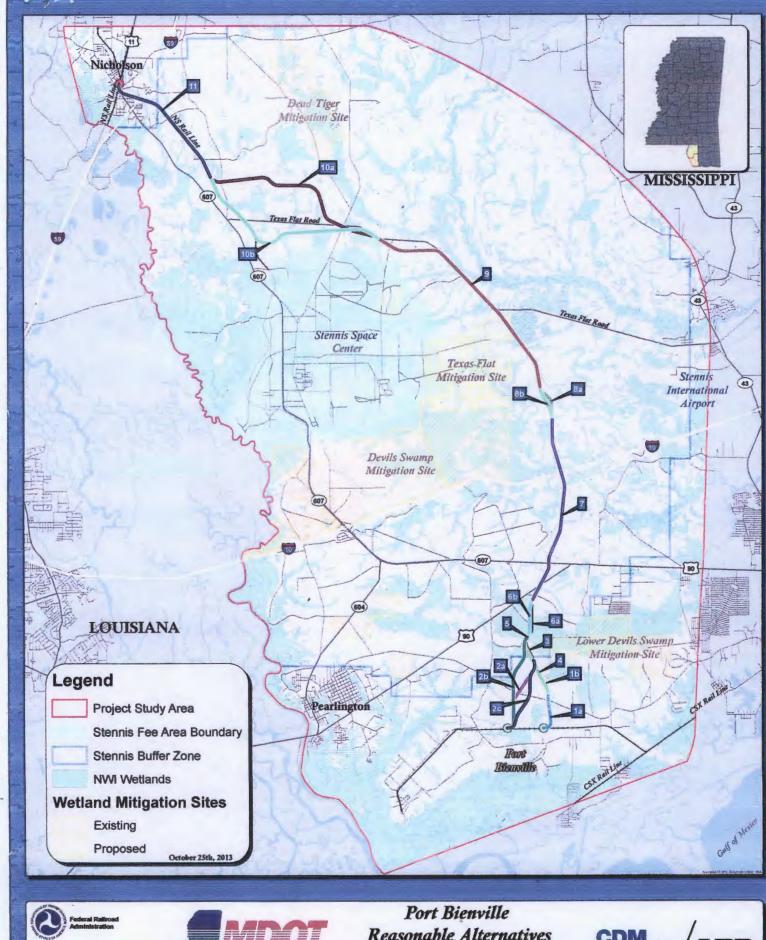
Kim Thurnan

Environmental Division Aupinistrator

KDT/S VD: tbs

# Suclosures

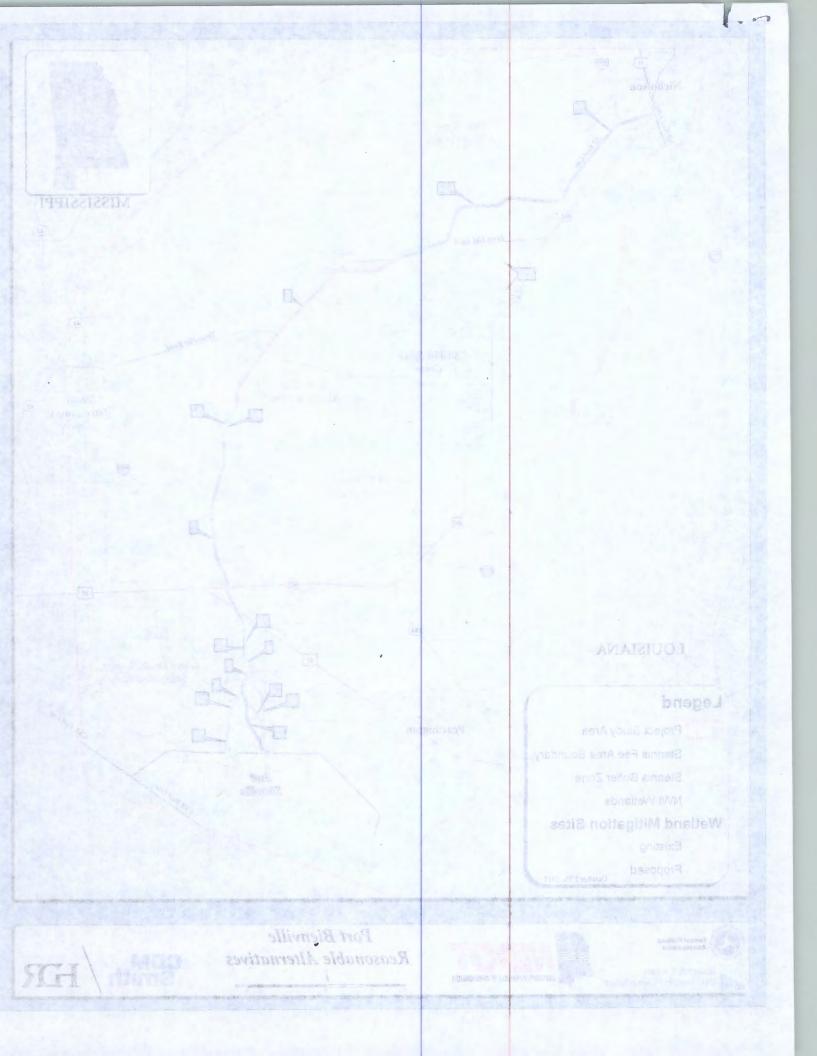
- ce Mr. John Winkle. Project Team Leader. Federal Railroad Administration
  - cc. Mr. Kegnoth Dean, EPA-MDOT Liason
  - ce: Ms. Amy Mood. Asst. Chief Engineer PreConstruction
    - cc: Mr. Kelly Castleberry, District VI Engineer







Reasonable Alternatives



From: Vincent, Rhea <vincent@mdot.ms.gov>

Sent: Wednesday, March 11, 2015 7:57 AM

To: Dean, Kenneth

Cc: Thurman, Kim; Wallace, Chad; 'McGuire, Michael T'; 'John Winkle

(john.winkle@dot.gov)'; 'melissa.hatcher@dot.gov'; OMBZ MOFFED ARZEM

'Catherine.Dobbs@dot.gov'

Subject: 105494 FRA-0023-00(003) Port of Bienville

Attachments: removed.txt: removed.txt

Agreement Number: FR-RLD-0014-12-01-00 :toajon9

Description: Port Bienville Feasibility and Env Study Funds transferred from FHWA to FRA. Demo #

105494 FRA-0023-00(003)

Your file downloads will only be available until Friday, April 10th (30 days).

Port of Bienville

If anything further is needed or you wish to discuss, please feel free to call or write.

County:

Thanks,

Hancock

Description:

Environmental Division

Project: 105494 FRA-0023-00(003)

Route:Port of Bienville

Port Bienville Feasibility and Env Study Funds transferred from FHWA to FRA. Demo # MS140. inglezical Magreement Number: FR-RLD-0014-12-01-00

601-260-0875

Charge

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CONFIDENTIALITY NOTICE This e-mail and any files or attachments may contain confidential and privileged information.

If you have received this message in error, please notify the sender at the above e-mail address and delete it and all copies from your system.

As discussed and requested yesterday, please find below a link to the requested files. Included are the final feasibility reports, Schedule, various process approval documents, and maps.

We are just getting started with the NEPA process. We hope to have the first agency meeting sometime in April. Shape files are provided for better reference to your systems. If you can offer information pertaining to the study area, we would appreciate the information.

TO DOWNLOAD YOUR FILES PLEASE VISIT:

https://file-exchange.mdot.state.ms.us/dl/?f=c3056d7a6c2281dfff5f8ceebaea49a2b5aa4beb

File(s)

to EPA 03112015.zip

Vincent, Rhea «vincent@mdot.ms.gav»

21.76 Mb

Wednesday, Warch LL, 2015 7:57 AM

Sent:

Thurman, Kim Wallace, Chad, McGuire, Michael T.; John Winkle

COL

(John, winkle(gloot gov)) (Intellissa hatcher@does: :RADNAS MORA ADARSAM Project:105494 FRA-0023-00(003)

Catherine Dobbs@dot.gov

Route:Port of Bienville

Dean Kenneth

County: Hancock

removed bit removed bit

Attachments:

Description: Port Bienville Feasibility and Env Study Funds transferred from FHWA to FRA. Demo #

105494 FRA-0023-00(003) Port of Bienville

MS140.

Agreement Number: FR-RLD-0014-12-01-00

105494 FRA-0023-00(003)

Your file downloads will only be available until Friday, April 10th (30 days).

If anything further is needed or you wish to discuss, please feel free to call or write.

County:

Thanks,

Rhea Vincent

**Environmental Division** 

Port Bienville Feasibility and Envisted Funds transferred from Indistringance of Indistripation Indistripation 601-359-7920

Agreement Number: FR-RLD-0014-12-01-00

601-260-0875

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TO DOWNLOAD YOUR FILES PLEASE VISIT:

https://file-exchange.mdot.state.ms.us/dl/?f=c3056d7x6c2281dfff5f8ceebaea49a2b5aaAbab

From: Dean, Kenneth

Sent: Tuesday, March 10, 2015 5:05 PM

To: Vincent, Rhea
Cc: Kajumba, Ntale
Subject: Port Bienville

Rhea,

I understand some public documents regarding the Port Bienville project were made available in December to some of the government agencies. EPA provided information and input in the early part (Phase 1?) of the Port Bienville study, but was apparently inadvertently omitted from the email distribution list. Would you please email Ntale and me the link where we can download the zip files for the project?

Thanks, Ken

Wm. Kenneth Dean
EPA-MDOT Liaison
U.S. EPA, Region 4
NEPA Program Office
601-321-1135 (Jackson, MS Office)
404-562-9378 (Atlanta, GA Office)
678-628-2079 (BlackBerry)
dean.william-kenneth@epa.gov

From:

Sent:

:oT

Subject

Dean Kenneth

Tuesday, March 10, 2015 5:05 PM

Vincent, Rhea Knjumba, Mlale

Port Siervil)

Lunderstand some public documents regarding the Port Bienville project were made available in December to some of the government agencies. EPA provided information and input in the early part (Phase 17) of the Port Bienville study, but was apparently inadvertently omitted from the email distribution list. Would you please email Nuale and me the link where we can download the zip files for



"McGuire, Michael T"
<mcguiremt@cdmsmith.com
>
12/17/2012 11:38 PM

To "Holcomb, Sarnmy" <sholcomb@mdot.ms.gov>, "Barnwell, Claiborne" <claiborne.barnwell@dot.gov>, "Mark thompson@noaa.gov"

"Mark.thompson@noaa.gov"

"Netherland, Lindsey E." <Inetherland@mdot.ms.gov>,
"Jeffrey, James A" <jjeffrey@mdot.ms.gov>,
"isacks@hcdc.ms" <'jsacks@hcdc.ms'>,

Fram: Bolyin, Microst L

bcc

Subject RE: Second Agency Scoping Meeting - Port Bienville Feasibility Study

'aliebamdah.scate.ms.us'; 'tisher@mdeq.ms.gov'; 'mrao@mdcq.ms.gov':

2 attachments



Sent: Tuesday, December 04, 2012 11:05 AM

To: Bernwell, Clabbrac'; 'Mark.tromna.neonan.gov'; 'david\_felder@www.gov

To: 'Bernwell, Clabbrac'; 'Mark.tromna.neonan.gov'; 'david\_felder@www.gov

"Horance Warsand dog, state, ms.us"; "Wita Brandey@dmr.ms.go/"; "bilt. valker@dmr.state.ms.us";

As discussed on August 23rd, during our Preliminary Agency Scoping Interline, The Mississippi

"spolesrandwife state ans.us"; "Prillip, Sandersondminns, state, mo. us"; "egw@grpc.com"

Port Bienville Dec 18 12 Agency Meeting Final.pdfPort Bienville Agency Cord Meeting Final.pdf

All, attached please find the agenda and PowerPoint presentation for the meeting tomorrow. We will have handouts of this information for those in attendance. For those unable to attend and planning to call into the meeting please use the following conference call number: Conference Call: 1-719-325-2630, 481166

We are will in the Fost mility Stage of project development and we would like to adhedule a following meeting to present the results of que alternative corridor interagations. A meeting has been stateduction for three-day, Decomber 13, 2013, 10:00 AJM, to none at the MOOT Administrative Building, breake at

Thanks, and the notification of the angular transportation in cooperation with the Federal Fallroad Administration and the Almander of the Administration and the

Michael T McGuire, PE
CDM Smith
1301 Gervais Street, Columbia SC, 29201
w:803.758.4548, c:803.360.0806

From: Holcomb, Sammy [mailto:sholcomb@mdot.ms.gov]

Sent: Monday, December 10, 2012 11:13 AM

To: Barnwell, Claiborne; 'Mark.thompson@noaa.gov'; 'david\_felder@fws.gov';
'Anthony.R.Lobred@usace.army.mil'; 'kajumba.ntale@epa.gov'; 'Dean.William-Kenneth@epa.gov';
'al.garner@ms.usda.gov'; 'hholmes@mdah.state.ms.us'; 'gwilliamson@mdah.state.ms.us';
'plleb@mdah.state.ms.us'; 'tfisher@mdeq.ms.gov'; 'mrao@mdeq.ms.gov';
'Florance\_Watson@deq.state.ms.us'; 'Willa.Brantley@dmr.ms.gov'; 'bill.walker@dmr.state.ms.us';
'spolles@mdwfp.state.ms.us'; 'Phillip.Sanderson@mmns.state.ms.us'; 'egw@grpc.com'

Cc: Netherland, Lindsey E.; Jeffrey, James A; 'jsacks@hcdc.ms'; 'Jely@mdot.ms.gov'; Thurman, Kim;
Vincent, Rhea; Castleberry, Kelly; Catherine Dobbs; John Winkle; 'Randall.brown@dot.gov';
'kathleen.bryant@dot.gov'; McGuire, Michael T; Belvin, Michael L; Mood, Amy

Subject: RE: Second Agency Scoping Meeting - Port Bienville Feasibility Study

Importance: High

All.

We are planning on providing lunch at this meeting. Please let Lindsey Netherland (she is copied on this email) know if you or your staff members are coming to the meeting so that we can order the food appropriately. If at all possible, please let us know by the 12.

Thanks,

Sammy Holcomb
Planning Division
Office: 601-359-7685
Cell: 769-218-7702

From: Belvin, Michael L

Sent: Tuesday, December 04, 2012 11:05 AM

To: 'Barnwell, Claiborne'; 'Mark.thompson@noaa.gov'; 'david\_felder@fws.gov';
'Anthony.R.Lobred@usace.army.mil'; 'kajumba.ntale@epa.gov'; 'Dean.William-Kenneth@epa.gov';
'al.garner@ms.usda.gov'; 'hholmes@mdah.state.ms.us'; 'gwilliamson@mdah.state.ms.us';
'plieb@mdah.state.ms.us'; 'tfisher@mdeq.ms.gov'; 'mrao@mdeq.ms.gov';
'Florance\_Watson@deq.state.ms.us'; 'Willa.Brantley@dmr.ms.gov'; 'bill.walker@dmr.state.ms.us';
'spolles@mdwfp.state.ms.us'; 'Phillip.Sanderson@mmns.state.ms.us'; 'egw@grpc.com'
Cc: 'jsacks@hcdc.ms'; 'Jely@mdot.ms.gov'; 'Kim Thurman (MDOT-Env Division Manager)'; 'Rea Vincent (MDOT)'; 'Castleberry, Kelly'; 'Catherine Dobbs'; 'John Winkle'; 'Randall.brown@dot.gov'; 'kathleen.bryant@dot.gov'; McGuire, Michael T; Belvin, Michael L; 'Amy Mood'
Subject: Second Agency Scoping Meeting - Port Bienville Feasibility Study

Windows, Wintered 1

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Subject: RE Second America Scooling Husbard Trait diem up Teasibility Study

Substantial Programme And Commercial Commerc

I thank you in advance for your cooperation.

Michael L. Belvin CDM Smith 1777 NE Loop 410 Suite 500 San Antonio, TX 78217 (w) 210.826.3200 (d) 210.253.2864 (cell) 210.439.9486 (f) 210.826.8876

# MDOT Port Bienville (Phase 1, Feasibility Study)

# **Agency Coordination Meeting**

Résource & Régulatory Agencies

MDOT FRA HGDG CDM Smil Agenda for December 18<sup>th</sup>, 2012

Meeting occurs at 10am (CST), 11:00(EST) Conference Call No; 1-719-325-2630, 481166

- 1. Overview of Study & Previous Meeting Summary
  - a. Feasibility of a Rail Connection between Port Bienville & NS in Nicholson
  - b. 1,000' Wide Study Corridors (compare to an approximate 100' rail R/W)
  - c. Coordination with Native American Tribes
- 2. Alignment Alternatives Research Tool (AART)
  - a. Criteria; USACE, EPA, Study Team
  - b. Suitability Layer
  - c. Primary Controllers: Avoids, Wetlands, Farmland & Waypoints
- 3. AART Alternatives Corridors
  - a. Corridors & Matrix (1,000' wide corridors)
  - b. Alternative Corridor "Refinement Process"
    - i. Scenario 20 (Stennis & Mitigation Banks)
    - ii. Scenario 21 (Mitigation Bank)
    - iii. Scenario 22 (Stennis)
    - iv. Scenario 23 (Texas Flat Road)
    - v. W1 (Economic Development)
    - vi. W2 (I-95, Devils Swamp Mitigation Bank)
    - vii. Scenario 24 (Proposed Bank -- rank 9, similar to 23, 25 & 26)
  - Decision Point: Future AART runs Avoid Stennis & abandon W2 & W1, and Manual Refinements
    - i. Scenario 25 v2 (Proposed Bank)
    - ii. Scenario 26 (Banks ranking of 9)
    - iii. Scenario EPA 03 and EPA 05 (very similar)
    - iv. Scenario EPA 04 (Proposed Bank)
    - v. Scenario USACE 01 (Proposed Bank rank 9)
    - vi. Scenario USACE 02 (Proposed Bank)
- 4. Recommended Reasonable Alternatives

# COORDINATION MEETING PORT BIENVILLE AGENCY

December 18, 2012

Re: Second Agency Scoping Meeting - Port Bienville Feasibility Study
12/04/2012 12:48 PM

nerson. Millor can be reached by phone at 303,758,4746 or by email at re spuriously a statement and manual and merson.

I am able to attend the meeting. Thanks.

Ken

William Kenneth Dean EPA-MDOT Liaison US EPA, Region 4 NEPA Program Office 404-562-9378 (Office Phone) 678-628-2079 (BlackBerry) dean.william-kenneth@epa.ge:

"Belvin, Michael L" As discussed on August 23rd, during our Prelim...

12/04/2012 12:05:08 PM

All unit you would somethic way four to

From:

"Belvin, Michael L" <belvinml@cdmsmith.com>

To:

"Barnwell, Claiborne" <claiborne.barnwell@dot.gov>, "Mark.thompson@noaa.gov" <Mark.thompson@noaa.gov>, "david\_felder@fws.gov" <david\_felder@fws.gov>, "Anthony.R.Lobred@usace.army.mil" <Anthony.R.Lobred@usace.army.mil>, Ntale Kajumba/R4/USEPA/US@EPA, William-Kenneth Dean/R4/USEPA/US@EPA, "al.garner@ms.usda.gov" <al.garner@ms.usda.gov>, "hholmes@mdah.state.ms.us"

<hholmes@mdah.state.ms.us>, "gwilliamson@mdah.state.ms.us"

<gwilliamson@mdah.state.ms.us>, "plieb@mdah.state.ms.us" <pli>plieb@mdah.state.ms.us>,
"tfisher@mdeq.ms.gov" <trisher@mdeq.ms.gov>, "mrao@mdeq.ms.gov" <mrao@mdeq.ms.gov>,

"Florance\_Watson@deq.state.ms.us" <Florance\_Watson@deq.state.ms.us>,

"Willa.Brantley@dmr.ms.gov" <Willa.Brantley@dmr.ms.gov>, "bill.walker@dmr.state.ms.us" <bill.walker@dmr.state.ms.us>, "spolles@mdwfp.state.ms.us" <spolles@mdwfp.state.ms.us>,

"Phillip.Sanderson@mmns.state.ms.us" < Phillip.Sanderson@mmns.state.ms.us>,

"egw@grpc.com" <egw@grpc.com>

Cc:

"jsacks@hcdc.ms" <jsacks@hcdc.ms>, "Jely@mdot.ms.gov" <Jely@mdot.ms.gov>, ""Kim Thurman (MDOT-Env Division Manager)" <kthurman@mdot.state.ms.us>, "Rea Vincent (MDOT)" <vincent@mdot.state.ms.us>, "Castleberry, Kelly" <kcastleberry@mdot.ms.gov>, Catherine Dobbs <Catherine.Dobbs@dot.gov>, John Winkle <john.winkle@dot.gov>, "Randall.brown@dot.gov" <Randall.brown@dot.gov>, "kathleen.bryant@dot.gov" <kathleen.bryant@dot.gov>, "McGuire, Michael T" <mcguiremt@cdmsmith.com>, "Belvin, Michael L" <belvinml@cdmsmith.com>, Amy

Mood <amood@mdot.ms.gov>

Date:

12/04/2012 12:05 PM

Subject:

Second Agency Scoping Meeting - Port Bienville Feasibility Study

As discussed on August 23rd, during our Preliminary Agency Scoping Meeting, The Mississippi Department of Transportation, in cooperation with the Federal Railroad Administration and the Hancock County Development Commission, is preparing a Feasibility Study for the location of a new railroad line to connect the Port of Bienville Short Line Railroad, located at the Port Bienville Industrial Park in Hancock County, and the Norfolk Southern Railroad located in the vicinity of Nicholson in Pearl River County.

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I thank you in advance for your cooperation.

US EPA, Region 4 404-562-9378 (Office Phone) STR-026-2079 (BlackBerry)

I am able to attend the meeting

**CDM Smith** 1777 NE Loop 410 Suite 500 San Antonio, TX 78217 (w) 210.826.3200 (d) 210.253.2864 (cell) 210.439.9486 (f) 210.826.8876

Michael L. Belvin

Bolvin, Michael L'

belvinmi@cdmsmith.com

"Betvin, Michael .." < befvinml@comsmith.com> "Barnwell, Clathorne" <clathorne, lanwell@dot.gov>, "Mark\_thompson@nosa,gov" sklari. Ihompsan@nosa.gov>, "david lelder@fws.gov" <david leider@fws.gov>, Anthony, R. Lobred @usece.army\_mil < Antesny, R. Lobred @usace.army.mil>, Mare Kajumba/R4/USEPA/USIDEPA, William-Kerneth Dean/R4/USEPA/USIDEPA "al.gamer@resucda.gov" <al yerher@ns.ubda.gov>, "hitomes@rideh.stete.ms.us" chhe imus@mdah.stele,ms da>, "gwilliamson@mdah.state.ms.us" suvillamson@nilab.aafe.mskat, "tileb@milab.afeta.ne.us" sakeb@mosh,etata.ms.us>. "tighter@mase.mls.gov" < tishen@mdeq.ms.gov>, "mrso@mdeq.ms.gov" --mrso@mdeq.ms.gov>, Florance\_Watson@deq.ttate.ms.us" <Florance\_Watson@deg.state.ms.us>, "Willia Brantley@dmr.ms.gov" < Willia Brantley@dmr.ms.gov> "bill.walker@dmr.state.ms.us" -bull.watkentrons.side.ms.uis-, "apolleg@tridwip state ms.ys" <spoiles@mswip:side.ms.us>, Phillip Sandersdrightmas distingue us" <Phillip Sanderson@rimps state ms.vs>. "bgw@gpc.com <egw@grpc.com> "enclos@horic ms" "raedis@hodc.ms" "Jely@nd n.ms.gov" < Jely@meat.ms.gov>, "Kim Thurman (MDOT-Env-Division Manager)" <k.humnan@indot steleues.us>, "Rea Vincent (MDOT-Env-Us)." <vincent@mdut state.me.us>, "Challebarry fielly" <\castlebarry@mdut.ms.gov>, Catherina Dabbs Catherine Diodesticulor - John Winde Sohn-winde@det.gov>, 'Randall browntiblot.gov' Randall brownights (greys, "Hith een bryantitidat gov" < lashlean organights gov, "McChim. Nichsel T. smcquinthe@cdrismith.com>, Belvin, Michael L' Selvinni@cdreemlih.com>, Amy Mood <aniood@mdot ms.gov> 12/04/2012 12:05 FM Second Aguncy Scoping Meeting - Fort Blanville Feasibility Study

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"Belvin, Michael L"
<br/>
<br/>
belvinml@cdmsmith.com>
12/04/2012 12:04 PM

To "Barmwell, Claiborne" <claiborne.barnwell@dot.gov>,
 "Mark.thompson@noaa.gov" <Mark.thompson@noaa.gov>,
 "david\_felder@fws.gov" <david\_felder@fws.gov>,

cc "jsacks@hcdc.ms" <jsacks@hcdc.ms>, "Jely@mdot.ms.gov" <Jely@mdot.ms.gov>, "'Kim Thurman (MDOT-Env Division Manager)"' <kthurman@mdot.state.ms.us>, "'Rea Vincent

bcc

Subject Second Agency Scoping Meeting - Port Bienville Feasibility
Study

History:

This message has been replied to.

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I thank you in advance for your cooperation.

Michael L. Belvin CDM Smith 1777 NE Loop 410 Suite 500 San Antonio, TX 78217 (w) 210.826.3200 (d) 210.253.2864 (cell) 210.439.9486 (f) 210.826.8876 belvinml@cdmsmith.com



"Belvin, Michael L"
<br/>belvinml@cdusmith.com>
12/04/2012 12:04 PM

Le "Barnwell, Cierborna" <albitance.barnwell.pdd.gov>,
"Mark Ihompson(Oneae,gov)" <Mark.thom coord@ropa gov>,
"david\_felder@fivs.gov" <alephace.ms.gov>,
"sacks@hodc.ms.gov>, "Yim Thurman (MDOT-Env Division
khanager)" <kthurman@mdot.state.ms.us>, "Rea Vincent

Subject Second Agency Scoping Meeting - Port Bionville Feasibility
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Michael L. Belving
CDM Smith
177 NR Ldop A10 Suite R08
Sad Antonio, TX 78217
(w) 210 826 3200
(d) 210 753 2864
(e) 210 753 2864
(f) 210 826 3876
(g) 210 826 3876



# Re: Port Bienville RR Feasibility Study - AART rankings

William-Kenneth Dean to: mcguiremt

"Tredeau, Meredith K.", Ntale Kajumba, Heinz Mueller, William Ainslie, Hilda Hatzell, Larry Cole, "Thurman, Kim", "Wisdom, John R"

on Concernto, Area polikii Cummulati in Court FEAL of MS Roll contaion - NEF

09/26/2012 05:40 PM

Mr. McGuire,

Attached is the spreadsheet with EPA's comments and input on the relative rankings and buffer values to be used in the Alignment Alternatives Research Tool (AART) for the Port Bienville Railroad Feasibility Study project. EPA has provided comments/input for Rows 15-285, 291-298, and 339-341. For each of these rows, EPA has either indicated concurrence with the base scenario or identified a desired change. We have concurred with most of what was proposed under the base scenario, but have proposed some significant changes for certain wetland categories, waterbodies, and the Dept of Health water wells.

EPA has noticed that wetlands are one of the few habitat types incorporated into the AART. You may want to also look at other habitat types such as mature forest layers with substantive canopies and at first order stream resources. It may also be useful to check the USGS's Protected Areas Database, the National Conservation Easement Database, and The Nature Conservancy Ecological Portfolio Core Data Set. EPA has all of this information if needed, and in some cases the data can be googled. For your reference, I have attached a couple of runs from the National Ecological Framework (NEF), an EPA tool that helps to identify ecologically significant areas and connectivity in the lower 48 states of the U.S. Also attached is a NEF brochure that includes EPA contact information. Please feel free to contact any of the individuals listed in the NEF brochure for these and additional data or datasets.

As you and I recently discussed, EPA recommends that the Mississippi Department of Environmental Quality (MDEQ) be contacted for data on Source Water Protection Areas (SWPA). SWPAs are established around intakes and water wells regulated by the Mississippi State Department of Health to provide protection for sources of drinking water. According to MDEQ's Source Water Protection manager, Charlie Smith, this information maintained and available at MDEQ may be more accurate than the data currently in MARIS. (I have provided Mr. Smith's phone number to your GIS Specialist, John Wisdom.)

The comments provided by EPA in the attached spreadsheet are based on limited information about the project area and, in most cases, no information regarding the basis of the base scenario rankings. In addition, no information has been made available regarding the project design. Please note that EPA's comments do not preclude the agency from fully performing any of its duties and responsibilities with regards to this project in the future pursuant to applicable statutes, regulations, executive orders, and EPA policies and guidance.

Although we concur with many of the wetlands rankings, in order to support our proposed rankings more scientifically, we would like to request the following information: (1) the rationale that was used to classify the NWI wetlands into "D" and "N"; and (2) justifications for the base scenario rankings. It would be helpful to have this information prior to the next meeting, so we can be prepared for a meaningful discussion of the rankings.

Visited prince for distributed visits of a men lead only text recognized and present is would be suit acted based.

avordier. It you have any needens or need additional quidance, pierse let us know.

Please contact me if you have any questions or need additional information. Thank you.

Ken

Wm. Kenneth Dean
EPA-MDOT Liaison
U.S. EPA, Region 4
NEPA Program Office
404-562-9378 (Office Phone)
678-628-2079 (BlackBerry)
dean.william-kenneth@epa.gov

AART Rankings Sheet - Pt Bienville v01 (EPA-092612).xlsx NEF brochurel.pdf MS Protected Areas - USGS.pdf

MS Nature Conservancy Areas.pdfMS Cummulative Count PEAs.pdf MS Rail extension - NEF.pdf

MS Rail extension - Wetlands.pdf

metric Alignment, Abordance Sesses have pART) for the Port Diam. "Tredeau, Meredith K." All, Thank you for your participation in the P... 09/14/2012 04:23:49 PM

"Tredeau, Meredith K." <tredeaumk@cdmsmith.com>

"claiborne.barnwell@dot.gov" <claiborne.barnwell@dot.gov>, "Mark.thompson@noaa.gov"

<Mark.thompson@noaa.gov>, "david\_felder@fws.gov" <david\_felder@fws.gov>, "Anthony.R.Lobred@usace.army.mil" < Anthony.R.Lobred@usace.army.mil>, Ntale Kajumba/R4/USEPA/US@EPA, William-Kenneth Dean/R4/USEPA/US@EPA, "al.gamer@ms.usda.gov" <al.gamer@ms.usda.gov>, "hholmest@mdah.state.ms.us

<hholmest@mdah.state.ms.us>, "gwilliamson@mdah.state.ms.us"

<gwilliamson@mdah.state.ms.us>, "plieb@mdah.state.ms.us" <pli>plieb@mdah.state.ms.us>,

"tfisher@mdeq.ms.gov" <tfisher@mdeq.ms.gov>, "mrao@mdeq.ms.gov" <mrao@mdeq.ms.gov>,

"Florance\_Watson@deq.state.ms.us" <Florance\_Watson@deq.state.ms.us>,

"Willa.Brantley@dmr.ms.gov" <Willa.Brantley@dmr.ms.gov>, "bill.walker@dmr.ms.gov" <bill.walker@dmr.ms.gov>, "spolles@mdwfp.state.ms.us" <spolles@mdwfp.state.ms.us>,

"Phillip.Sanderson@mmns.state.ms.us" < Phillip.Sanderson@mmns.state.ms.us>,

"egw@grpc.com" <egw@grpc.com>

"sholcomb@mdot.ms.gov" <sholcomb@mdot.ms.gov>, "Vincent, Rhea" <vincent@mdot.ms.gov>, "Thurman, Kim" <kthurman@mdot.ms.gov>, "jely@mdot.ms.gov" <jely@mdot.ms.gov>,

"Underwood, John" <junderwood@mdot.ms.gov>, "ttrinh@mdot.ms.gov" <ttrinh@mdot.ms.gov>, "McGuire, Michael T" <mcguiremt@cdmsmith.com>, "Belvin, Michael L"

<belvinml@cdmsmith.com>, "Wisdom, John R" <wisdomjr@cdmsmith.com>, Janet Sacks
<jsacks@hcdc.ms>, "Catherine Dobbs (FRA Regional Manager)" <Catherine.Dobbs@dot.gov>

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Date: 09/14/2012 04:23 PM

Port Bienville RR Feasibility Study - AART rankings

medical regarding the basis of the base connect randoms

Thank you for your participation in the Port Bienville Railroad Feasibility Study project. Attached are minutes from the preliminary scoping meeting held on August 23. Please let us know of any questions or comments.

Although we concur with many of the evanged molerum, in argue to support as a property makings manu As discussed during the meeting, also attached for your review and input is the spreadsheet of the proposed data rankings to be used in the GIS-based Alignment Alternatives Research Tool (AART). We apologize for getting this out later than we had anticipated; we are very interested in your feedback and comments on the rankings. Please review the attached spreadsheet and provide us with any changes you'd like to see to the rankings so we can incorporate them into the additional scenario runs. We would also like to know if there are resources that you feel very strongly about the tool completely avoiding. If you have any questions or need additional guidance, please let us know.

If you could please provide your input to our project manager, Mike McGuire ( mcguiremt@cdmsmith.com), no later than Wednesday, September 26, we would greatly appreciate it. We understand this is a quick turnaround time, and we really value your input into the process.

Thanks again for your participation and cooperation.

Meredith Tredeau | Project Manager | CDM Smith
160 Clairemont Avenue, Ste 200 | Decatur, GA 30030 | t: 678.954.5839 | f: 678.244.0276 | m: 678.480.4513 | tredeaumk@cdmsmith.com | cdmsmith.com

[attachment "Port Bienville-AgencyCoordinationMeetingMinutes.pdf" deleted by William-Kenneth Dean/R4/USEPA/US] [attachment "AART Rankings Sheet - Pt Bienville v01 (20120904).xlsx" deleted by William-Kenneth Dean/R4/USEPA/US]

Waredith Tredeau | Project Manager | CDM Smith 160 Clairemont Avenue. Ste 200 | Decatur, GA 30030 | t. 678.954.5839 | t. 678.244.0276 | m: 678 480.4533 | tredeaumk@cdmsmith.com | compsmith.com

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# Port Bienville

AART Data Rankings 9/4/2012

Click +/- boxes to show/hide data categories. These are the rankings that we are using as a starting point for the AART runs.

Enter any changes in these cells using the dropdown menus.

If no change, leave cell blank.

Click on headers for descriptions

AART Rankings						11			SC	ENARIOS	1		
AANT Namings						Base Sce	enario			and the same	D	esire Chang	es
NVIRONMENTAL	FC Name	Туре	Category	Comments	Include?	Ranking	Buffer (ft)	Notes		Include?		Buffer (ft)	Notes
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ritical Habita				Not in Study Area	x No								
etians (NWI)	/etlands	A			✓ Yes								
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symmatrib)			E2SS1/EM1F			9	State Control			Quantify			Concur with base scen
			E2SS1P			9	1979			Quantify			Concur with base scen
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			E2SS1Pd			6	Mary Town			Quantify			Concur with base scen
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			E2EM1P			Avoid				Quantify			Concur with base scen
Tidal Marsh (D)			E2EM1Nd			Avoid				Quantify			Concur with base scen
			E2EM1Pd			Avoid				Quantify			Concur with base scen
Tidal Flat (N)			E2USN			Avoid				Quantify			Concur with base scen
110011101(11)			E2USP			Avoid				Quantify			Concur with base scena
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			PFO1/EM1B			8	ALL PRODUCTIONS			Quantify			Concur with base scen
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			PFO1/EM1F			8	STATE OF THE PARTY OF			Quantify			Concur with base scen
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			PFO1/SS1B			8	NAME OF TAXABLE PARTY.			Quantify			Concur with base scen
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			PFO1/SS1F			8	Name of Street			Quantify			Concur with base scen
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			PFO1B			8	100			Quantify			
			PFO1C			8	STATE OF THE PARTY			Quantify			Concur with base scen
			PFO1E			8	(III)			Quantify			Concur with base scen
			PFO1F			8				Quantify			Concur with base scen
			PFO1R			8				Quantify			Concur with base scen
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Bottomland Hardwood (D)	PFO1/SS1Ad	6	Quantify	Concur with pase scenario
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	PEM1C	9 19 10	Quantify	Concur with base scenario
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STERRANGE STERRANGE	PEM1/SS4Cd	6	Quantify	Concur with base scenario
	PEM1Cd	6	Quantify	Concur with base scenario
por ini	PEM1Cx	6/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1	Quantify Quantify Quantify Quantify Quantify	Concur with base scenario
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Forested Swamp (D)

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PSS1/2T	5	Quantify	9 New ranking proposed
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PSS1/3C	5	Quantify	9 New ranking proposed
PSS1/4A	5 4 4	Quantify	9 New ranking proposed
PSS1/4B	5	Quantify	9 New ranking proposed
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PSS1/EM1A	5	Quantify	9 New ranking proposed
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PSS1/FO1S	5	Quantify	9 New ranking proposed
PSS1/FO2F	5	Quantify	9 New ranking proposed
PSS1/FO4A	5	Quantify	9 New ranking proposed
PSS1/FO4B	5	Quantify	9 New ranking proposed
PSS1/FO4C	5	Quantify	9 New ranking proposed
PSS1/FO4R	5	Quantify Quantify	9 New ranking proposed
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PSS1B		Quantify	9 New ranking proposed
PSS1C	5	Quantify Quantify	9 New ranking proposed
PSS1F	5	Quantify Quantify	9 New ranking proposed
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PSS3/1C	5	□ Quantify     □	9 New ranking proposed
PSS3/4B	5	Quantify	9 New ranking proposed
PSS3/EM1B	5	Quantify	9 New ranking proposed
PSS3/EM1C	5	Quantify	9 New ranking proposed
PSS3/FO1C	5 10 10 10 10 10 10 10 10 10 10 10 10 10	Quantify Quantify	9 New ranking proposed
PSS3/FO4B	5	Quantify Quantify	9 New ranking proposed
PSS3B	5	D Quantify	9 New ranking proposed
PSS3C	5	Quantify Quantify	9 New ranking proposed
PSS4/1A	5	Quantify Quantify	9 New ranking proposed
PSS4/1B	5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Quantify	9 New ranking proposed
PSS4/1C	5	Quantify	9 New ranking proposed
PSS4/3B	5	Quantify Quantify	9 New ranking proposed
PSS4/EM1A	5	Quantify Quantify	9 New ranking proposed
PSS4/EM1C	5	Quantify	9 New ranking proposed
PSS4/FO4C	5	Quantify	9 New ranking proposed
PSS4A	5	Quantify	9 New ranking proposed
PSS4B	5 5 5	Quantify Quantify	9 New ranking proposed
PSS4C	5	Quantify	9 New ranking proposed
PSS4F		Quantify Quantify	9 New ranking proposed
PSS4R	5	Quantify Will	9 New ranking proposed
PSS4S	5	Quantify	9 New ranking proposed
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EBID/WC	7	1300-1111/4	generally in manage

Shrub Swamp (N)

Shrub Swamp (D)	PSS1	/3Bd	5	IERSTAN .		Quantify	7	New ranking proposed
omas omamp (s)	PSS1		5			Quantify	7	New ranking proposed
	PSS1		5			Quantify	7	New ranking proposed
		/FO18d	5			Quantify	7	New ranking proposed
		/FO1Cx	5			Quantify	7	New ranking proposed
	PSS1		5	110		Quantify	7	New ranking proposed
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	PSS1		5			Quantify	7	New ranking proposed
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	PSS3		5			Quantify	7	New ranking proposed
	PSS3		5			Quantify	7	New ranking proposed
	PSS4		5	100		Quantify	7	New ranking proposed
	PSS4		5		B	Quantify	7	New ranking proposed
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	PSS5		5	1000		Quantify	7	New ranking proposed
Freshwater Pond	17,850	Statute   Digital					ALL DESIGNATION OF THE PARTY OF	
Aquatic Bed (N)	PAB4	IV Inte (1994 com	8		B	Quantify		Concur with base scenario
11 11 11 11	PABE		8	100000000	en en en	Quantify		Concur with base scenario
	PABI		8	MARK TORS		Quantify		Concur with base scenario
Aquatic Bed (D)		UBHx	5	ENGLISHING.		Quantify		Concur with base scenario
riductic per (p)	PAB4		5	HARDISH A		Quantify		Concur with base scenario
	PAB		5	Carlot III II		Quantify		Concur with base scenario
	PAB		5	SUL LIES		Quantify		Concur with base scenario
	PABE		5		1	Quantify		Concur with base scenario
	PABI		5		B	Quantify		Concur with base scenario
	PABI		5	THE PARTY NAMED IN		Quantify		Concur with base scenario
	PAB		5	MERCHANIST .		Quantify		Concur with base scenario
Pond (N)	PUBI		7	10/640		Quantify		Concur with base scenario
1120	PUB		7 7 1	E2(2)(4)(		Quantify		Concur with base scenario
Pond (D)	PUBI		5			Quantify		Concur with base scenario
CIT THE DECEMBER	PUBI		5		B	Quantify		Concur with base scenario
	PUBI		5	- (1 3)		Quantify		Concur with base scenario
Laure -	PUB		5	1000		Quantify		Concur with base scenario
	PUB		5	1 7	P	Quantify		Concur with base scenario
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	PUSC		5	1000		Quantify		Concur with base scenario
	PUB		5	AND DESCRIPTION OF THE PERSON		Quantify		Concur with base scenario
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Lake (D)	L1AB	Hx	9 10 10 10 10 10 10 10 10 10 10 10 10 10	MINISTRA		Quantify		Concur with base scenario
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Riverine			7			-		
Tidal River (N)	R1UI	BV	Avoid		<b>E</b>	Quantify		Concur with base scenario
Tidal River (D)	R1UI		Avoid			Quantify		Concur with base scenario
River (N)	R2UI		7			Quantify		New ranking proposed
1462 0.20	R2US		7	THE REAL PROPERTY.		Quantify	9	New ranking proposed
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Other	10/00							

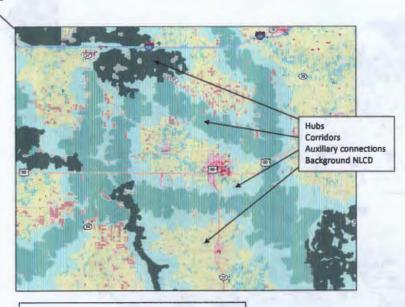
	wetland_mitig	A		A CONTRACTOR OF THE PARTY OF TH	1	Yes	9	MINISTER OVER		Quantify	-1-1	1- 1111	Concur with base scenari
Wetlands Mitigation Sites Prime Farmlands	PrimeFarmland	A		Derived from soils	1	Yes		DESIGNATIONS		E Quartery			Contain with base section
Three Tarrinance	t miles armana		Prime farmi			103	4						
			Statewide In				4						
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				and if drained & protecte			1						
Water Bodies, Linear	nhd_named_streams	1	, bearing to	The first of the control of the cont		Quantify	The last			Quantify	6		New ranking proposed
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Water Bodies, Areal	nhd_othareas	A		Other areas		Quantify	MATERIAL PROPERTY.	Sentangement		Quantify	9		New ranking proposed
Floodplain	Floodplain	A		Orig Name: Floodplain		Quantify			- 1	E Quartery	The street of th		rew ranking proposed
ТООПРІВІТІ	rioupiani	^	In	Ong Name. Plooopiam_	(EE)	Qualitity			-				
			Out										
andfills	Landfill_cells	A	Out		1	Yes	9	Discount Section					
Surface Impoundment Areas	SIA_buff	P			1	Yes	9	500					
lazardous Waste Sites	hazardous_waste_sites	A			1	Yes	Avoid	300					Concur with base scenar
		P			1			100					
RCRA	rcra_buff	p			1.	Yes	Avoid	100					Concur with base scenar
PA	epa_buff				1	Yes	Avoid	100					Concur with base scenar
anks	tanks_buff	P			1	Yes	Avoid	100					Concur with base scenar
Toxic Release Inventory	tri_buff	P			1	Yes	Avoid	100					Concur with base scenar
Underground Storage Tanks	UST_buff	P			1	Yes	Avoid	100					Concur with base scenar
CERCLA 2008	CERCLA2008_buff	P			1	Yes	Avoid	100					Concur with base scenar
CERCLA Site Areas	CERCLA_Site_Areas	A		Covers all CERCLA Wells	4	Yes	Avoid		-				Concur with base scenar
Hydric Soils					×	No			4				
Mines					1	Yes	Avoid	300					
CULTURAL & HISTORICAL	EC Name	Tunn	7.718101	Comments		Induda	Danklan	Duffer (64)	Mater	Include2	Dinkland	Buffer2 (ft)	Netes 2
Archaeological Sites	FC Name ArchSites_buff	Type	Category	Comments	1	Include Yes	Ranking	Buffer (ft) 250	Notes	includez	Kankingz	Burierz (it)	Notes2
the state of the s		p			1								
Archaeological Sites	ArchSites_MDAH_buff	P			1	Yes	Avoid	250	- 1				
Historic Properties	HistProps_MDAH_buff	P			1	Yes	Avoid		4				
National Register	natreg_buff	P				Yes	Avoid	500					
Archaeological Site Probability	Arch_Prob	A	Does of Chief	. Area	×	No							
			Rest of Stud	у Агеа								- 12 i	
									-				
			Medium										
			High		,			500					
Cemeteries	Cemetery_buff	A	High		1	Yes	Avoid	500					
Churches	Churches_buff	A	High of		1	Yes	Avoid	500					
Churches Recreation Sites	Churches_buff mri_buff	A A A	High		1	Yes Yes							
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Churches Recreation Sites	Churches_buff mri_buff	-	Agriculture Agriculture	(Pasture)	1	Yes Yes		500		the sale			
Churches Recreation Sites	Churches_buff mri_buff	-	Agriculture Agriculture Agriculture	(Pasture)	1	Yes Yes		500		C CARTY			
	Churches_buff mri_buff	-	Agriculture Agriculture Agriculture Cemetery	(Pasture) (Old Field)	1	Yes Yes		500		the sale			
Churches Recreation Sites	Churches_buff mri_buff	-	Agriculture Agriculture Agriculture Cemetery Commercial	(Pasture) (Old Field)	1	Yes Yes		500		C CARTY			
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INFRASTRUCTURE	FC Name	Туре	Category	Comments		Include	Ranking	Buffer (ft)	Notes Include	2 Ranking2	Buffer2 (ft)	Notes2
Roads	Roads_TIGER	L				Quantify						
Railroads	rail_lines	L				Quantify						
Dams	dams_buff	P					Avoid	500				
Airports	AirportStennis	A		Contains 3 airports			Avoid					
Wells, Oil & Gas	oilngas_buff	P					Avoid	100				Concur with base scenario
Wells, Water (USGS)	USGS_Wells_buff	P					4	100				Concur with base scenario
Wells, Water (Dept of Health)	DoHWells_Buff	P					4	100		9	500	New ranking & buffer propose
Pipelines, Natural Gas	NatGasPipelines	L				Quantify						
Gas	msgas	L				Quantify						
Transmission Lines, major	majr_transm10	L				Quantify						
Power Lines	PowerLines	L				Quantify						
Water Utility Lines	WaterUtility	L				Quantify						
Wastewater Utility Lines	WastewaterUtility	L				Quantify						
JURISDICTIONS	FC Name	Туре	Category	Comments		Include	Ranking	Buffer (ft)	Notes Include	2 Ranking2	Buffer2 (ft)	Notes2
Stennis Fee Area Boundary	FeeArea_buff	A			1	Yes		1000				
Stennis Buffer Zone	Bufferzone	A			×	No						

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Notional Ecological Francescork

Joplin



Zoomed in area from southwest Missouri, near Joplin, showing higher detail with NCLD 2001 background

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# **National Ecological Framework**



The National Ecological Framework is a geographical information system (GIS) based model of the connectivity of natural landscapes in the lower 48 United States. It was developed to provide a guide for the protection of the natural ecosystem processes that give us clean air, pure water and protected lands that are part of EPA's mission to protect. It is an update to the Southeastern Ecological Framework from 2001.

The original Southeastern Ecological Framework (SEF) was developed for Region 4 by the University of Florida between 1998 and 2001. The purpose of the SEF was to develop a mapped data set of ecologically important areas that could be connected with a hub/corridor model.

The SEF was created with data and information from the 1992 National Land Cover Database (NLCD) at a scale of 90 meters. The current National Ecological Framework (NEF) began as an update to the SEF with newer data (2001 through 2010). Due to increases in technology and data sources, it was feasible to increase the resolution from 90 meter resolution (SEF) to 30 meters. Modeling on a national scale was possible with little more overhead than doing it for Region 4. The NEF aligns with the efforts of the Office of Research and Development (ORD) Ecosystems Services Research Project (ESRP) for protection of ecosystem services.

The methodology for the SEF is based on a hubconnector/corridor approach originally developed by Larry Harris, Reed Noss, and Tom Hoctor at the University of Florida. The methodology for the NEF follows closely that developed for the SEF.

The first step was to define areas of the landscape that are priority ecological areas (PEAs). These were combined and modified to give the hub structure. The hubs were then linked with corridors that were defined using a least cost path analysis. A cost surface was developed using energy accounting as an approximation of the human disturbance on the landscape. This was done by assigning the total non-renewable accumulated energy flow through the various landuse types of the 2001 NLCD. The least cost path (determined by the least human disturbance) between hubs was used to define the corridors that connect the hubs.

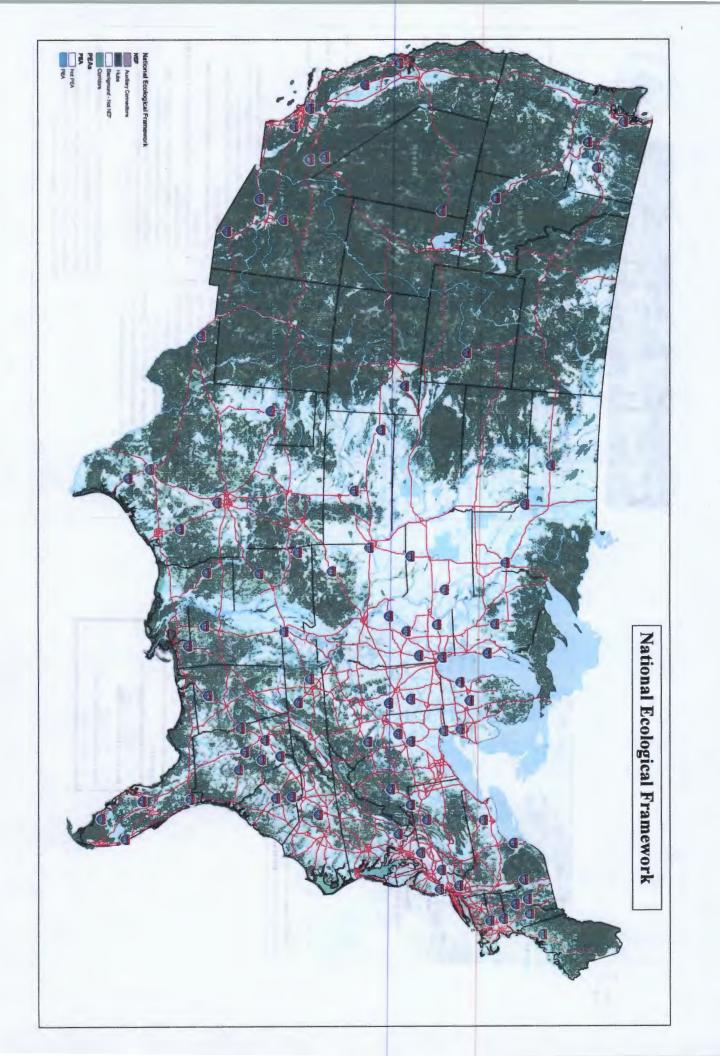
The scheme of the modeling process was to:

- Combine Priority Ecological Areas (PEAS) from a variety of sources including USGS Protected Areas Database, The Nature Conservancy Ecoregional Portfolio Core Data Set, Fish and Wildlife Service Strategic Habitat Conservation Areas, roadless areas, first order stream reach catchments, mature forest patches, wetlands and several other data sources.
- Exclude areas of high road density high urban or agriculture density, nearness to urban or agriculture and inappropriate land use type.
- Develop hub structures for areas greater than 5000 acres by excluding smaller unconnected areas. (Hubs - 3734 areas greater than 5000 acres)
- 4) Develop connectivity between the hubs in appropriate natural areas utilizing computer based connectivity links and user identified linkages. (Total of ~12,000 total links ) Widen the single line connections to include appropriate land use for corridors.
- Combine the Hubs and Corridors to give the National Ecological Framework (NEF)
- Optimization of the NEF by developing connectivity to the NEF in both terrestrial and hydrologic connected areas. These are called auxiliary connections to the NEF
- Determine areas that may be restored to a more natural setting that are contiguous with the hub/corridor framework.
- Categorize the National Ecological Framework by type and ecosystem. (still under wav)

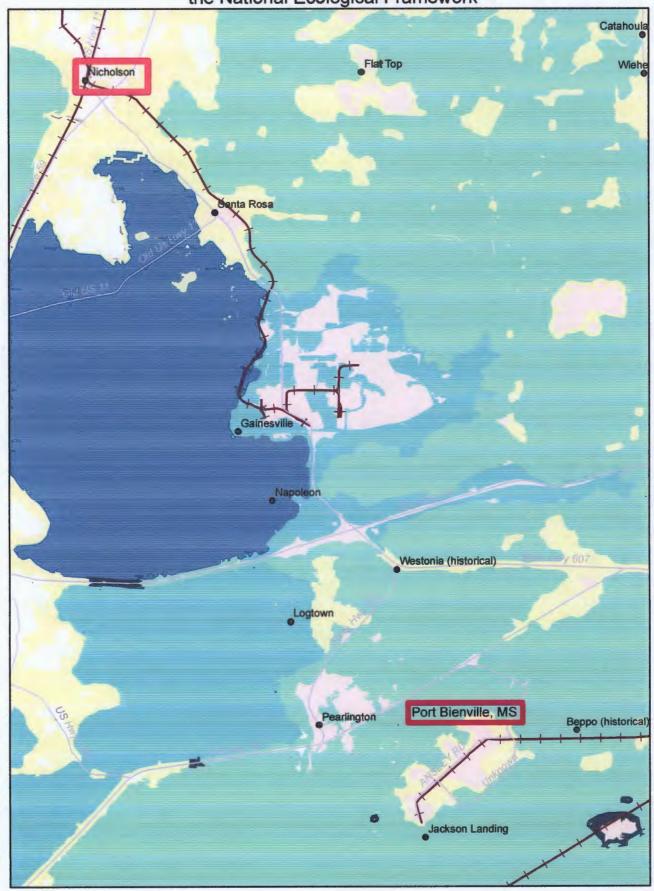
## Potential uses for the NEF

- Highway planning to minimize ecological disturbance
- Wetlands mitigation to maximize ecological connectivity
- Protection of sole source surface water areas.
- Integration of habitat protection plans for local, state, and regional agencies
- Create greenways to link local efforts with larger scale programs
- Provide connectivity to help mitigate ecosystem changes due to climate change
- Create innovative residential developments through conservation design and open space protection
- Reduce urban encroachment by creating buffers around wildlife refuges, national parks, state and local parks, and private wilderness areas

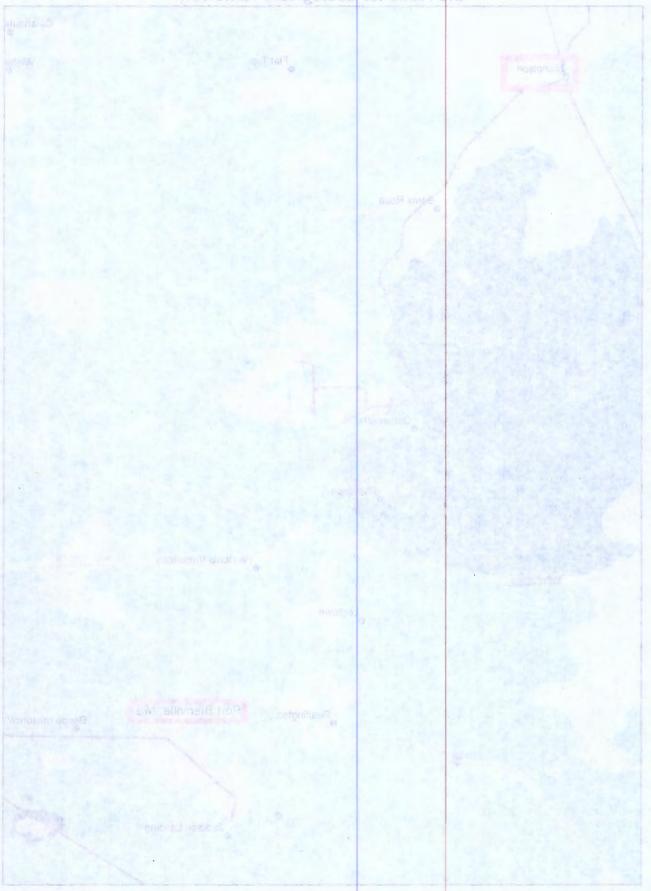
Additional data from the National Conservation Easement Database (NCED) became available after the NEF draft was completed. The NCED data was merged with the NEF and provides additional information. Approximately 85% of the NCED is accounted for by the NEF and the auxiliary connections to the NEF



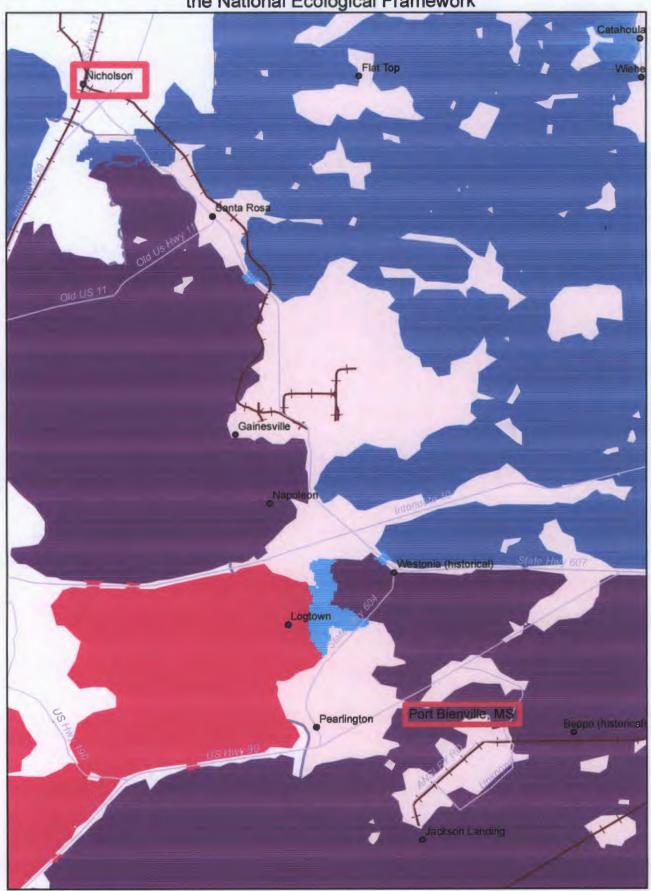
Proposed Rail Extension in Hancock county, MS and USGS Protected Areas Data which became part of the National Ecological Framework



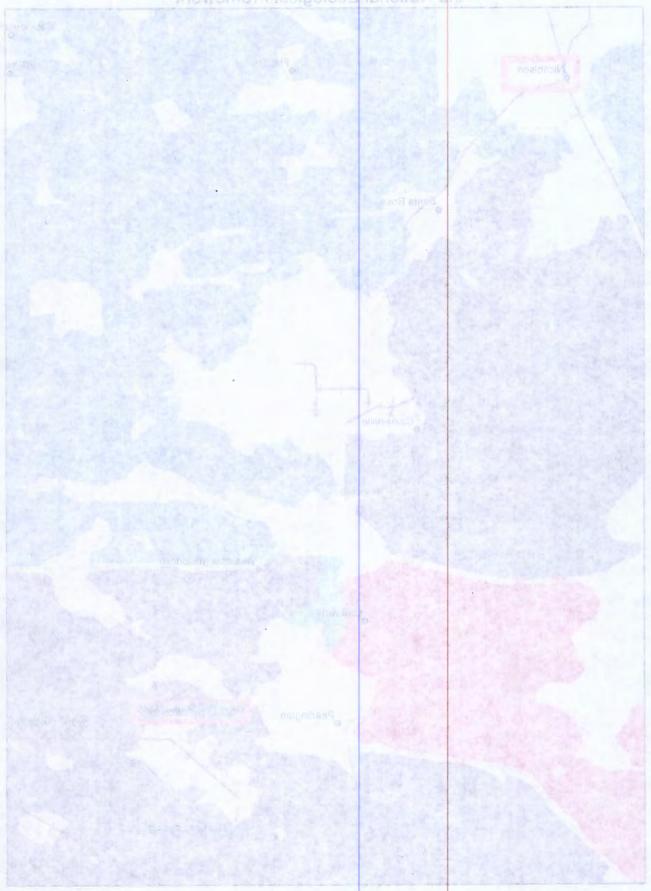
Proposed Rail Extension in Hancock county, MS and USGS Protected Areas Data which became part of the National Ecological Framework



Proposed Rail Extension in Hancock county, MS and Nture Conservancy Portfilio Areas which became part of the National Ecological Framework



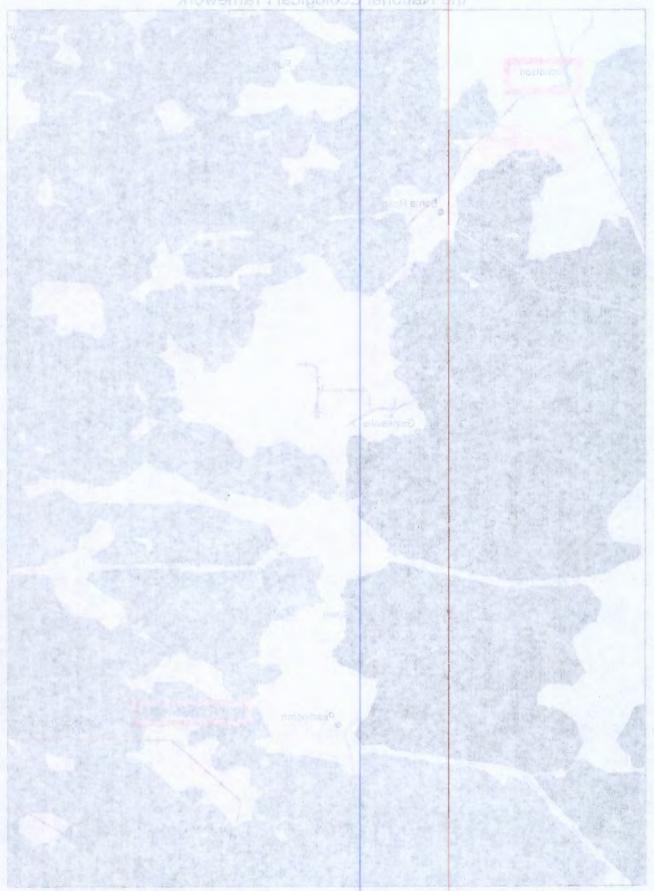
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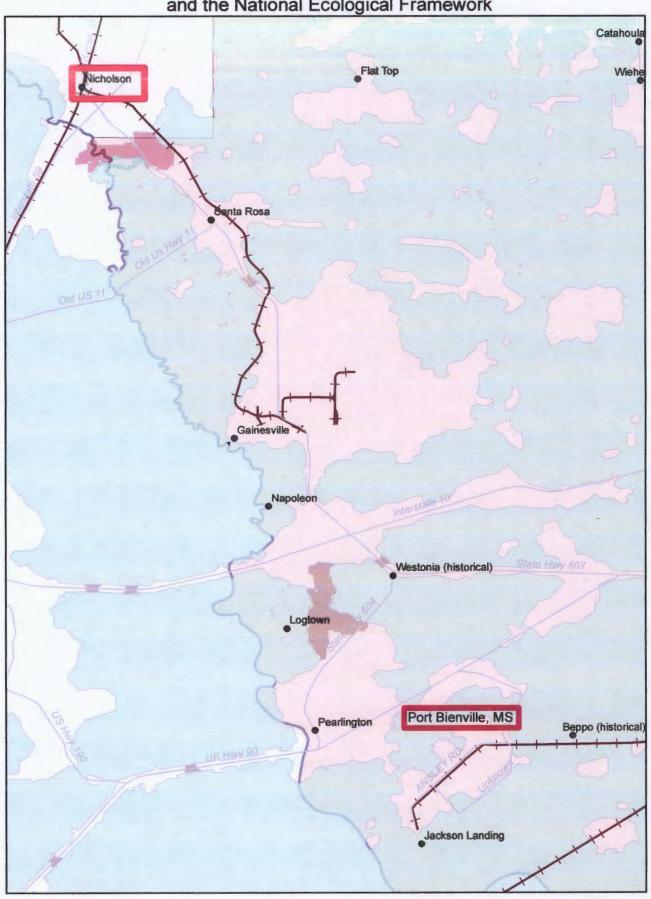
Darker colors and Pink indicate more important areas Lighter colors indicate less important areas Proposed Rail Extension in Hancock county, MS and Cummulative Count of areas which became part of the National Ecological Framework



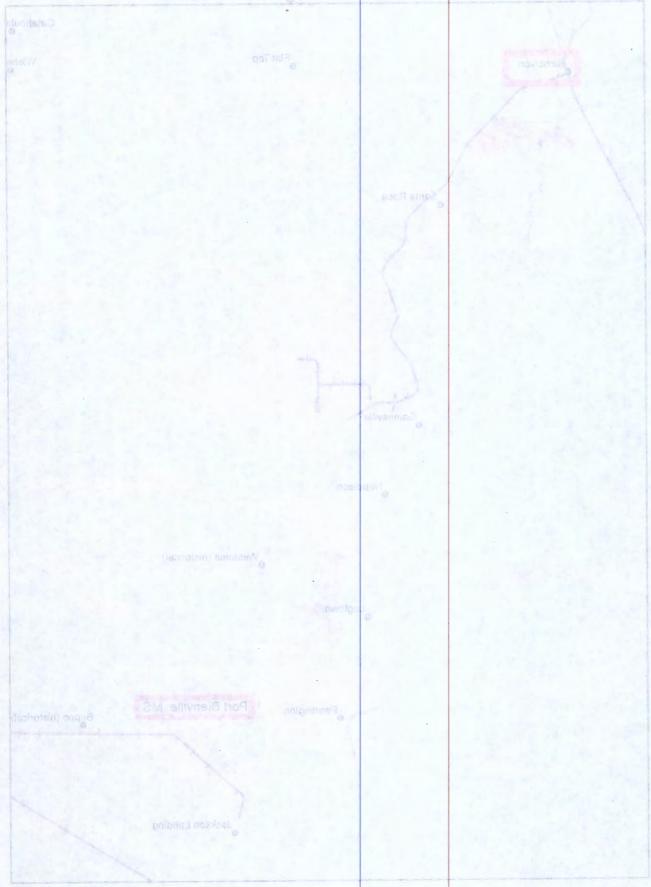
Proposed Rail Extension in Hancock county, MS and Cummulative Count of areas which became part of the National Ecological Framework



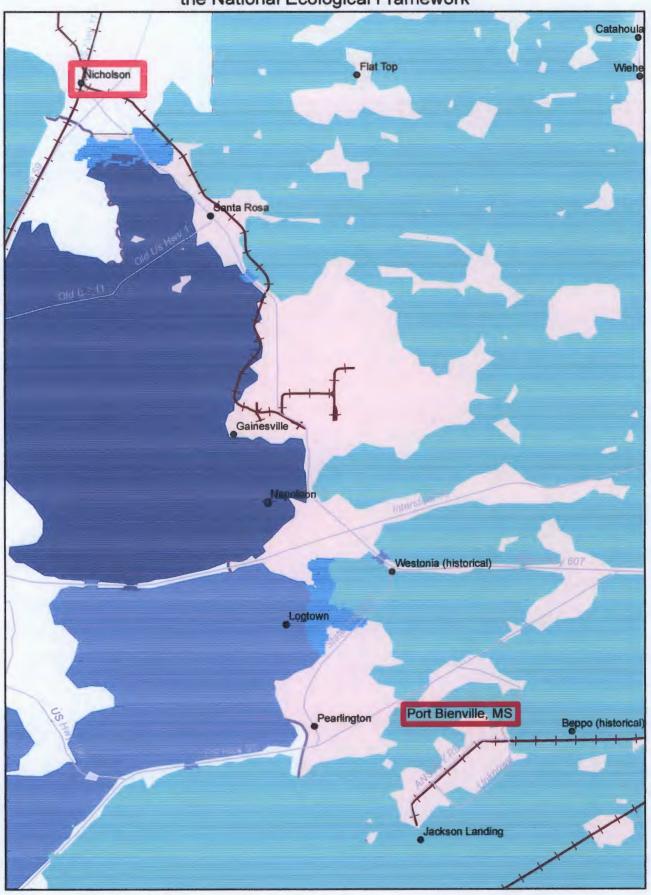
Proposed Rail Extension in Hancock county, MS and the National Ecological Framework



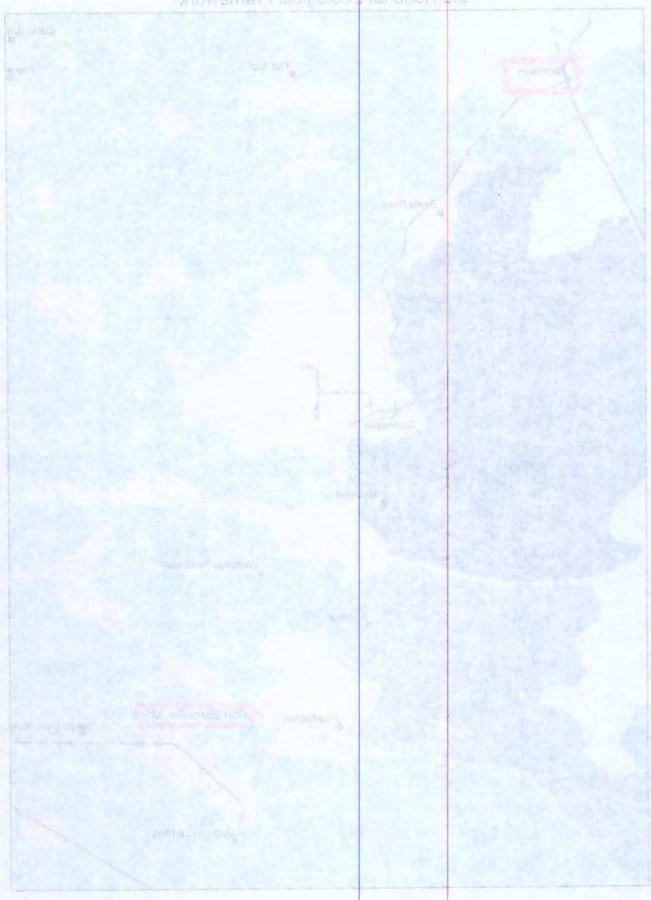
# Proposed Rail Extension in Hancock county, MS and the National Ecological Framework



# Proposed Rail Extension in Hancock county, MS and Wetlands which became part of the National Ecological Framework



# Proposed Rail Extension in Hancock county, MS and Wetlands which became part of the National Ecological Framework



Blue areas are more important Green areas are less important Tan areas are not in the Ecological Framework

# VISDEQ Source Water Protection Areas for PWS wells



FYI: Source Water Protection Areas (Examples)
William-Kenneth Dean to: Wisdom, John R

09/24/2012 05:52 PM

John,

FYI, I have attached a map that shows a few of the public water supply wells in the project area. (This is not all of them; just a sample.) In the map, you can see the Source Water Protection Areas (SWPA) around each well. You will notice that the wells are not exactly in the center of the circles.

Ken

Wm. Kenneth Dean EPA-MDOT Liaison U.S. EPA, Region 4 NEPA Program Office 404-562-9378 (Office Phone) 678-628-2079 (BlackBerry) dean.william-kenneth@epa.gov



SWPA (Sample) (09-19-12).PDF

## MSDEQ Source Water Protection Areas for PWS wells

FI. Source Water Homesty ................ (Fi. minules)

**Powered by ArcGIS Server** 



Copyright 2008 ESRI. All rights reserved, Printed on Wed Sep 19 2012 05:12:02 PM.



Re: Pt Bienville data spreadsheet William-Kenneth Dean to: Wisdom, John R Cc: "McGuire, Michael T", Ntale Kajumba

09/21/2012 05:05 PM

John,

Thanks for the clarifications. The information you provided is helpful. However, for some layers I need additional clarification, as follows:

appreciation of containing the flag and resource with the start promise a substitution of the start promise and the re-

- (1) If streams & rivers are included in Row 285 (NHD Other Areas), then what types of water features are included in Rows 282 and 283? I initially thought named streams & rivers were included in Row 282 (NHD Named Streams) and that unnamed tributaries, canals & ditches were included in Row 283 (NHD Other Flow Lines). My thinking was that the "Water Bodies Linear" referred to water features that might be represented by lines (e.g., streams and rivers) and that "Water Bodies, Areal" referred to features that might be represented by polygons (e.g., lakes, reservoirs, ponds).
- (2) The EPA, RCRA, and TRI layers each include facilities that are regulated by EPA. Is the "EPA" layer limited to all other facilities (e.g., NPDES, PWS, etc.) that are regulated by EPA under another statutory/regulatory authority other than RCRA or TRI?

Also, FYI, a source water protection area (SWPA) has been placed around each Department of Health water well (i.e., public water supply, or PWS, wells). The SWPAs vary in size based on numerous factors, and the wells are not always in the center of the circular protection areas. Although the PWSs are regulated by the MS Department of Health, the SWPA program is managed by the MS Department of Environmental Quality (MDEQ). EPA's Mississippi Source Water Protection Coordinator discussed the water wells layer with MDEQ's SWPA manager, Charlie Smith, According to Charlie Smith, for this water well layer, you may wish to use data/information maintained by and available through MDEQ, instead of the MARIS database, because MDEQ's data may be more accurate than that currently in MARIS. In addition, Mr. Smith mentioned that the primary protection areas around PWS wells is 500 feet; others vary with pump rate. Therefore, 100 feet may be too close. For additional information about the SWPAs, including how to access MDEQ's data, please contact Charlie Smith of MDEQ's Office of Land and Water Resources, Assessment and Protection Branch at 601-961-5395.

Please feel free to contact me if further discussion is needed.

Thanks, we will be a series of the original and the series of the series Ken amount about pean above were written and the entire of see and of ton about med time stand

Wm. Kenneth Dean **EPA-MDOT Liaison** U.S. EPA, Region 4 **NEPA Program Office** 404-562-9378 (Office Phone) 678-628-2079 (BlackBerry) dean.william-kenneth@epa.gov

"Wisdom, John R"

Mr. Dean, I understand that you spoke with Mike... 09/20/2012 04:47:59 PM

RCRA Site - Locardos of sales and facilities regulated by the U.S. Discussion added to course

Yanks - Watroleum Tanks ofth

From: To:

"Wisdom, John R" <wisdomjr@cdmsmith.com> William-Kenneth Dean/R4/USEPA/US@EPA "McGuire, Michael T" <mcguiremt@cdmsmith.com>

Cc: Date:

09/20/2012 04:47 PM

Subject:

Pt Bienville data spreadsheet

Mr. Dean,

I understand that you spoke with Mike McGuire recently and had some questions about the spreadsheet containing the data and rankings we are using for the Port Bienville study. I will try to clarify.

Regarding rows 284 & 285: This data was obtained from the National Hydrography Dataset (NHD). They contain the following types of water features:

(1) If aregins & rivers are included to Fow 285 (WHO Other Areas), then what types of water features are

Fer. Pt Blommile data spread

Brutted to all other facilities (e.g., NPDES, PWS, e.c.) that are

status ryregulatory authority other than RCRA un TRIP

#### NHD Waterbodies and staying & supports became under whether \$200 min \$200 m

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- terti amundi er ba
- Reservoirs A seisod reistly forth box (grey) and anneate and an anneate and the services of th Swamps & Marshes and selections and selection and selection was being an additional and in good

#### NHD Other Areas 12 vd befelliger era tert salitimes at word slow annyal 1917 bring AADST AAD AAT AAT CO

- Canals & Ditches
- **Lock Chambers**
- Streams & Rivers

These data were obtained from the MARIS (MS Automated Resource Information System) website. They are available on the site as separate datasets for Waterbodies and Other Areas. There is no need to keep them as separate layers, so we may merge them into a to be used single layer, and addedess but and bentatpiant nottermatriketable was at disky various very lieur

because ADEO's data resy be more accurate than that currently in MARIS. In On the spreadsheet, the Waterbodies features were given a ranking of "9", but the Other Areas were shown as having no ranking. This was an error in the spreadsheet. Both categories Including now to access Wickey's data please. should be ranked as "9".

Regarding rows 291 – 298: These are layers of hazardous waste sites obtained from various sources. They do not all contain the same information. We have kept them as separate layers (at least for the time being) for ease of managing the layers. If we were to merge the layers and then decide not to use one or more of them, then we would need to edit the merged file and delete the features.

Here is some detail on each of the layers:

Hazardous Waste Sites - Hazardous Waste Sites within Stennis Fee Area. Obtained from Stennis Space Center.

RCRA Sites - Locations of sites and facilities regulated by the U.S. EPA under Resource Compliance Recovery Act waste control programs, Obtained from MARIS.

EPA - EPA Regulated Facilities obtained from MARIS.

Tanks - Petroleum Tanks obtained from Stennis Space Center. Inside Stennis Fee Area only.

**Toxic Release Inventory** - Locations of sites and facilities regulated by the U.S. EPA under toxic release inventory waste control programs. Obtained from MARIS.

**Underground Storage Tanks** - Underground Storage Tanks obtained from MARIS

CERCLA 2008 - Brownfield sites obtained from MARIS.

CERCLA Site Areas - Polygons created to apply GIS to analyze Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) data collected at Stennis Space Center. Obtained from Stennis Space Center.

We have not found any duplicates (overlaps) between the features in these layers. Any overlaps would not affect the routing of the corridor, since an Avoid overlapping an Avoid would result in an Avoid in the Suitability layer. However, overlaps could result in the double-counting of some features on the impacts reports.

If we do find duplicate features, we will remove one of the features from the database before generating reports.

I hope this clarifies some of your questions. If you need more information, please do not hesitate to call or email me to discuss (my contact info is below). Any input is welcome.

Thanks, John

John R. Wisdom, GISP
GIS Specialist
CDM Smith
5400 Glenwood Avenue, Ste. 300
Raleigh, NC 27612
w: 919-325-3506 f: 919-781-5730
WisdomJR@cdmsmith.com
cdmsmith.com

Toxic Release Inventory - Locations of sites and facilities regulated by the U.S. EPA under toxic release inventory waste control programs. Obtained from MARIS.

Underground Storage Tanks - Underground Storage Tanks obtained from MARIS

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Thanks,

John R. Wisdom, GISP GIS Specialist COM Smith \$400 Glehwood Avenue, Ste. 305 Raleigh, NC 27612 w. 919-325-3506 ft. 915-781-5730 Wisdom M. Germanith com



"Wisdom, John R" <wisdomjr@cdmsmith.com> 09/20/2012 04:47 PM

"Wisdom, John R" To William-Kenneth Dean/R4/USEPA/US@EPA

cc "McGuire, Michael T" <mcguiremt@cdmsmith.com>

bcc

Subject Pt Bienville data spreadsheet

Stennis Space Certain, Obtained from Studios Space Center.

Touce Release Inventory - Locations of sites and facilities regulared any less U.S. Touce Telesses Inventory - Locations of sites and facilities regulared any less U.S.

I understand that you spoke with Mike McGuire recently and had some questions about the spreadsheet containing the data and rankings we are using for the Port Bienville study. I will try to clarify.

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1) Regarding rows 284 & 285: This data was obtained from the National Hydrography Dataset (NHD). They contain the following types of water features:

succions would not affect the routing of the contdor, since an Avoid overlapping an Avoid

#### **NHD Waterbodies**

- Lakes & Ponds
- Reservoirs
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#### would report to an avoid in the Suitability layer, However, overlaps could report in Modern Read in the Suitability layer, However, overlaps could report in the Suitability layer, However, overlaps could report in the Suitability layer.

- Canals & Ditches and a standard and a saturated amount of antinuous old unb
- Lock Chambers
- If we do find dupments legitines, we will remove one of Streams & Rivers the legitine will be a stated as the legitine of the

These data were obtained from the MARIS (MS Automated Resource Information System) website. They are available on the site as separate datasets for Waterbodies and Other Areas. There is no need to keep them as separate layers, so we may merge them into a single layer.

Single layer.

Single layer.

On the spreadsheet, the Waterbodies features were given a ranking of "9", but the Other Areas were shown as having no ranking. This was an error in the spreadsheet. **Both categories** should be ranked as "9".

2) Regarding rows 291 – 298: These are layers of hazardous waste sites obtained from various sources. They do not all contain the same information. We have kept them as separate layers (at least for the time being) for ease of managing the layers. If we were to merge the layers and then decide not to use one or more of them, then we would need to edit the merged file and delete the features.

Here is some detail on each of the layers:

Hazardous Waste Sites - Hazardous Waste Sites within Stennis Fee Area. Obtained from Stennis Space Center.

RCRA Sites - Locations of sites and facilities regulated by the U.S. EPA under Resource

Compliance Recovery Act waste control programs, Obtained from MARIS.

EPA - EPA Regulated Facilities obtained from MARIS.

Tanks - Petroleum Tanks obtained from Stennis Space Center. Inside Stennis Fee Area only.

wisdomin@cdmeniffi.com

the and delete the features

Here is some detail on each of the INSTS.

Toxic Release Inventory - Locations of sites and facilities regulated by the U.S. EPA under toxic release inventory waste control programs. Obtained from MARIS.

I understand that you sucke with Wile McGuire recently and had some questions about the

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CERCLA 2008 - Brownfield sites obtained from MARIS.

Recording rows JEA & 285: This data was obtained from the National Hydrography

CERCLA Site Areas - Polygons created to apply GIS to analyze Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) data collected at Stennis Space Center. Obtained from Stennis Space Center.

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John R. Wisdom, GISP

Regarding rows 2 11 - 228. These are levers of hazardous waste sites obtained tallacatelland various sources. They do not all conta a the same information. We have kept them adding MOD Sayers (at least for the time being) for ease of concepts the layers (300 seed to 125). Raleigh, NC 27612 layers and then decide not to use one or more of them, then we ve w: 919-325-3506 f: 919-781-5730

WisdomJR@cdmsmith.com cdmsmith.com

Hazardous Weste Sites Hazardous Waste Sites within Steinfis Fee Area. Obtained from Stennis Souce Center.

RCRA Sites - Locations at size and facilities regulated by the U.S. SRA under Resource



"Tredeau, Meredith K." <tredeaumk@cdmsmith.com>

09/14/2012 04:22 PM

To "claiborne.barnwell@dot.gov" 
<claiborne.barnwell@dot.gov>, "Mark.thompson@noaa.gov" 
<Mark.thompson@noaa.gov>, "david\_felder@fws.gov"

cc "sholcomb@mdot.ms.gov" <sholcomb@mdot.ms.gov>,
"Vincent, Rhea" <vincent@mdot.ms.gov>, "Thurman, Kim"
<kthurman@mdot.ms.gov>, "jely@mdot.ms.gov"

bcc

Subject Port Bienville RR Feasibility Study - AART rankings

2 attachments





Port Blenville-AgencyCoordinationMeetingMinutes.pdfAART Rankings Sheet - Pt Bienville v01 (20120904).xlsx

#### All,

Thank you for your participation in the Port Bienville Railroad Feasibility Study project. Attached are minutes from the preliminary scoping meeting held on August 23. Please let us know of any questions or comments.

As discussed during the meeting, also attached for your review and input is the spreadsheet of the proposed data rankings to be used in the GIS-based Alignment Alternatives Research Tool (AART). We apologize for getting this out later than we had anticipated; we are very interested in your feedback and comments on the rankings. Please review the attached spreadsheet and provide us with any changes you'd like to see to the rankings so we can incorporate them into the additional scenario runs. We would also like to know if there are resources that you feel very strongly about the tool completely avoiding. If you have any questions or need additional guidance, please let us know.

If you could please provide your input to our project manager, Mike McGuire (
<a href="mcguiremt@cdmsmith.com">mcguiremt@cdmsmith.com</a>), no later than Wednesday, September 26, we would greatly appreciate it.

We understand this is a quick turnaround time, and we really value your input into the process.

Thanks again for your participation and cooperation.

Meredith Tredeau | Project Manager | CDM Smith
160 Clairemont Avenue, Ste 200 | Decatur, GA 30030 | t: 678.954.5839 | f: 678.244.0276 | m: 678.480.4513 | tredeaumk@cdmsmith.com | cdmsmith.com



"Tredeau, Maredith K." <tradeaumk@cdmsmith.com>

09/14/2012 04:22 PM

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"Vincont, Rhea" <vincent@indot.ns.gov</p>
"Inuman, Kin" <a href="mailto:sharnwell@ardot.ms.gov">shalcomb@ardot.ms.gov</a>
\*Hhuman@ardot.ms.gov

Subject Fort Bienville RR Readbility Study - AART rankings

2 attachments

Port Blenville-Agency Coordination Meeting Minutes, 2014 ART Frankings Sheet - Pt Blenville v04 (20120904), xlax

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If you could please provide your input to our project manager. Mike McSuire (\*
<a href="mailto:mri@cdnsmith.com">molater than Wholesday</a>, September 25, we would greatly appreciate it.
We understand this is a quick turnaround time, and we really value your input into the process.

Thanks again for your participation and cooperation.

Meredith Tredeau | Project Manager | CDM Smith 160 Clairemont Avenue, Ste 200 | Decatur. GA 30030 | 1: 678,954,5839 | 1: 678,241,0276 | m: 678,480,45131 tradeaumk@cdmsrgith.com | consmith.com |

# MDOT Port Bienville (Phase 1, Feasibility Study)

feasibility of a north/south roll connection from Port Bienville to the

notebook. The attendees were saided to review the data sets and or project team will make adjust mands to the information based on th

sens your eff of sees Thyr on one month time.

There are numerous wedged milication siles, understand

wetlands, and the representation of mbasium credits purch states that those areas within the mitigation site. If the project bisects the cank and changes the over all southerd plan for the mitigation additional mitigation may be required. The equid have to see a second

and the information to the attendess for comment

1. Greefings and Introductions (Sign in Sheet is Attached herawith)

which introduction was given about the

### **Agenda: Agency Scoping Meeting**

Aug 23, 2012, 10:00am – 4:00pm CST

MDOT Administrative Building, Jackson, MS

6<sup>th</sup> Floor Conference Room

10:00-10:15 Greeting and Introductions

10:15 - 10:45 Project Overview

10:45 - 11:30 Review of Study Area

11:30 - 12:30 Lunch

12:30 - 2:30 AART Runs

2:30 - 3:30 - Closeout another and another blow food 000 Livide about

## Follow-up Actions:

### (Meeting Notes Attached)

Include NRCS WILP excement data. This was checked after placent addition

# MDOT Port Bienville (Phase 1, Feasibility Study)

1. Greetings and Introductions (Sign in Sheet is Attached herewith)

The purpose of the meeting was to introduce the Port Bienville project to resource agencies, present the methodology for the feasibility study, and verify the data being used for analysis.

#### 2. Project Overview

- a. The Port Bienville Feasibility Study was introduced with a discussion of the project area. The project lies wholly within Hancock County and the study is looking at the feasibility of a north/south rail connection from Port Bienville to the Norfolk Southern line near Nicholson. The majority of the study area is within the acoustic boundary associated with the Stennis Space Center. Permanent development is not permitted within the boundary. As a result the study area is relatively sparse. The Feasibility Study is Phase I of the project, Phase II would be an environmental document if feasible corridors are identified.
- b. A brief introduction was given about the Alternatives Alignment Research Tool (AART). This is a geographic information system (GIS) based tool that will be used to identify 1,000 foot wide feasible corridors. If feasible corridors are identified, the project would move into Phase II, Environmental Documentation. The tool uses GIS data layers and user input to determine feasible corridors. For the feasibility study existing data sets were collected from Stennis, MARIS, MDOT and other agencies as appropriate. Each data set Is assigned criteria for the tool to use to understand the importance of avoiding or minimizing Impact to higher priority areas.
- c. The list of data to be used and the associated criteria that were initially established by the project team were presented to attendees in a project notebook. The attendees were asked to review the data sets and criteria. The project team will make adjustments to the information based on the meeting and send the information to the attendees for comment.
- d. Questions and comments on the data sets:
  - Include NRCS WRP easement data. (This was checked after the meeting and there are no WRP areas in the study area)
  - ii. EPA requested that the boards and notebook information be emailed or mailed for review.
  - iii. There are numerous wetland mitigation sites, understand that impacts to the wetland mitigation sites will require mitigation for the impacts to the wetlands, and the replacement of mitigation credits purchased from those areas within the mitigation site. If the project bisects the mitigation bank and changes the overall approved plan for the mitigation site, additional mitigation may be required. This would have to be coordinated with the appropriate resources agencies.

- iv. Field check cemetery sites, there may be undocumented family plots within the study area.
- v. There are some areas near Port Bienville that are considered sacred to the Native American tribes from the area. This area could potentially be designated as a Traditional Cultural Property. Coordination with the tribal representatives should begin as early as possible. FRA will have to initiate coordination or designate MDOT as their representative to initiate consultation.
  - vi. DEQ can provide the shapefiles for the permitted mines in the area.
  - vii. There were some questions about the design criteria that were included in the tool. The design criteria are being prepared and will be sent to MDOT for review.
  - viii. The crossing with US 90 and I-10 will be of particular concern look closely at the feasibility of crossing theses major thoroughfares.

#### 3. AART Runs

- a. The AART was demonstrated and example runs were presented to explain how the tool will be used. More detailed explanations of how the criteria are used and how avoids are determined was discussed. There was significant discussion on cumulative effects of data and if that is accounted for in the tool. The agencies will review the data and criteria and provide comments on the criteria rankings.
- b. Discrepancies between agency comments on criteria rankings will be coordinated with MDOT. MDOT will correspond with the resource agency/agencies with jurisdiction over specific data sets to resolve any conflicts.
- c. Other avoids to be considered beyond those presented:
  - i. Mines
  - ii. Cemeteries (family plots)
  - iii. WRP from NRCS (determined that none are in study area)

#### 4. Closeout:

- a. Consultation with the tribal nations is key to understanding potential impacts near Port Bienville. MDOT meets with the tribes annually every December. This December may be an opportunity to gather input.
- b. Get with Stennis to gather information on their Scenic Byways initiative.
- c. Make sure to include 303(d) listed streams and TMDL Streams

iv. Field check cemetery sites, there may be undocum: small notice.

- 1. Study Team to revise the criteria rankings and data sets according to meeting comments.
- 2. Revised information to be sent to attendees for review and comment. Agencies may comment on best ranking. Any conflicts will be addressed by MDOT through coordination with the agencies with jurisdiction over that area.
  - 3. Stakeholder and Public Meetings will be held, information on meetings will be distributed.
    - 4. The results of the AART runs with the finalized data will be distributed.

vi. DEQ can provide the shapefiles for the permitted mines in the area.

vii. There were some questions about the design criteria that were included in the tool. The design criteria are being prepared and will be sent to MDCT for review.

Vitt. The crossing with US 50 and 1-10 will be of particular concern look closely at the feasibility of crossing theses major thoroughfares.

#### ERORT RODS

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    - (Lemeteries (family plots)
  - III. MRP from NRC5 (determined that none are in study area)

#### 4 Closeout:

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  - b. Get with Stennis to gather information on their Scenic Byways initiative.
    - c. Make sure to include 303(d) listed streams and TMDI. Streams

#### Port Bienville Phase I Feasibility Study

NAME (please print)	Organization	Contact Information (phone & email)
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John Wisdom	CDM Smith	919-325-3506 Wisdomir (Q) chm5mith. com
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SEFF EW	MDOT-ALAWAINTS	

Page \_\_\_\_ of \_\_\_

#### Port Bienville Phase I Feasibility Study

NAME (please print)	Organization	Contact Information (phone & email)
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Wm. Kenneth Dean	ElA, RY	dean william - Kemethe egage \$ 678-628-2079

### Port Bienville Phase I Feasibility Study

NAME (please print)	Organization	Contact Information (phone & email)
Andy Sanderson	MDWFP-MS Natural Heritage	phillip, sandersona mons, state. ms. us

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### Port Bienville Phase I Feasibility Study

NAME (please print)	Organization	Contact Information (phone & email)
Andy Sanderson	MDWFP-Ms Natural Heritage	phillip, sandersona mmns, state. ms. us

Page	of	
1 agc	VI	

### Port Bienville,

AART Data Rankings 9/4/2012 Click +/- boxes to show/hide data categories.

These are the rankings that we are using as a starting point for the AART runs.

Enter any changes in these cells using the dropdown menus.

if no change, leave cell blank. Click on headers for descriptions

3			-			
AART Rankings			in the following	Base Scenario	SCENARIOS	Desired Changes
NVINONMENTAL PC Nume	Type	Category Comments	include?	Ranking Buffer (f	h) Notes Include	7 Standing Stuffer (ft)
hreatened & Endange Species		Not available	at No			
ritical Habitan	T ATT 1 T Y	Not in Study Area	x No		E - 1110	37 6161 0 100 11 11
			E74	ABLIFIER A TO A LIVE OF		
etlands (NWI) Wetlands	Α		Yes	TOTAL STATE OF THE	ā	
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Bay (D)		ELUBLE		Avoid		Compositions.
Estuarine and Marine Wetland		mans as forces			NAME OF THE PARTY	
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		E2551P		2 2 2 2 2		
Scrub Marsh (D)		EZEM1/SS1Pd		G. Sales		
Tidal Marsh (N)		E2SS1Pd E2EM1N		Avoid		
( state seeman (ta)		EZEM1P		Avoid		
Tidal Marsh (D)		EZEM1Nd		Avoid		
		EZEM1Pd		Avoid		
Tidal Flat (N)		EZUSN EZUSP		Avoid Avoid		
Freshwater Emergent Wetland				<b>建一定以下</b>	20	in a relation
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hwater Forested/Shrub Wetland	16 and 2	2000 CW-12 (SEC.)	A	ASSESSMENT AND A SECOND
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	PFO2/EM1F	AND 1000 1000 1000		
	PFO2B	5.00		
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	PFO2R	5 (5)	展	
	PFO3/1A	5		
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	PFO3/1C	5 30		
	PF03/48	3500 <b>5</b> 000 \$50000		(Fig. 1877) -
	PFO3/EM1B	5 700 1000		
	PFO38	GEORGE COMMITTEE STATE OF THE S		
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7 3/8	PFO4C	5		
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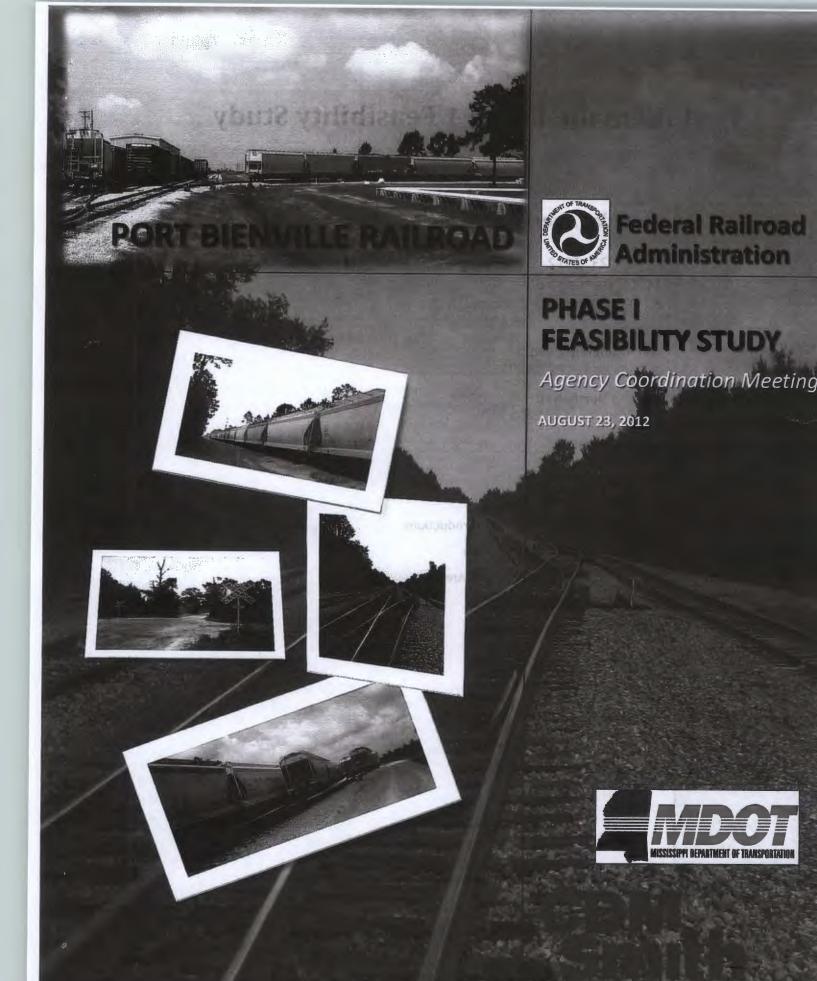
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	PFO3/1Cd	or a block of an	500 10 TO 10	Married	
	PFO4/1Ad	1	5 CON 1000		
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	PFO4/3Bd	the Ventor I de	100 <b>5</b> 100 500		
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	PFO4Cd	in the facility of	00000000000000000000000000000000000000		
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	PSS1/2F	and the same of th	500030000000000000000000000000000000000		
	PSS1/2R		5		
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	PSS1/48		- FINESCO   100		Control of the Contro
	PSS1/4C	1 12 1 1 - NI	2005		· PART STREET
	PSS1/4F PSS1/4R	marty is a comment of the comment of	5	Market Control	146
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	PSS1/FO1R	The transfer of	PROPERTY AND ADDRESS OF THE PARTY AND ADDRESS	The second secon	- Karamar
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	PSS1/FO2F	The state of the same	10005000 000		
	PSS1/FO4A	L. Anna L.	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		
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Shrub Swamp (D)			PSS1/3Bd		CONTRACTOR OF STREET			Manual State of the
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- The should be			R2USA	3/6/1	7	-		
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Other			REGISTA	- 000				
Wetlands Mitigation Sites	wetland_mittg	A		Yes	STATE STATE			
Prime Farmlands	PrimeFarmland	A.	Derived from soils  Prime farmland	Yes	4			학생님들이 살려면
- 1 A profession of the contract of the contra			Statewide importance	1 6		-		<b>化国际教育的</b>
			Prime if drained		-1			State of the state
7	was the same of		Prime farmland if drained & protecte	-	21.			
Water Bodies, Linear Water Bodies, Linear	nhd_named_streams nhd_othFL		Other flow lines	Quantify	W. G			
Water Bodies, Areal	and waterb	A	B	Quantify I				
Water Bodies, Areal	nhd_otheress	A	Other areas	Quantify	Market Military			
Floodplain	Floodplain	A	Ovig Name: Floodplain B	Quantify		-		
			Out		Walter St.	-		
Landfills	Landfill cells	A -	de trade de la constante de la	Yes E	SPANIE CONTRACTOR			
Surface Impoundment Areas	SIA_buff	P	William Property of the Comment	Yes	92 500			
Hazardous Waste Sites RCRA	hazardous_waste_site: rcra_buff	A	all a seed of the latest of the	Yes Yes	Avoid 100		p=== ·	3 man - 3 W
EPA	epa_buff			Yes	Avoid 100			
Tanks	tanks_buff		The second second	Yes	Avoid 100		, , , ,	
Toxic Release Inventory	tri_buff	P		Yes	Avoid 100			
Underground Storage Tanks CERCLA 2008	UST_buff CERCLA2008_buff	P	I THENTY TO ME ST	Yes Yes	Avoid 100 Avoid 100			AVANTA STORY
CERCIA Site Areas	CERCLA_Site_Areas	A	Covers all CERCIA Wells	Yes	Avoid			
Hydric Soils	The second of the second		*	No :				
Mines	in the second second			Yes	Avoid 300			William II
No.								

CULTURAL & HISTORICAL	PC Name	Type	And it was a second of the sec	1. 18.5. 5	Include	Ranking Buffer (ft) 10		AND THE PERSON NAMED IN
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Archaeological Sites	ArchSites_MOAH_buil!	P		1	Yes	Avoid 250		
listoric Properties	HistProps_MDAH_buff	P		1	Yes	Avoid		
National Register	natrag builf	. 6		1		Avoid 500		
Archaeological Site Probability	Arch_Prob	A ^			163	AVOID 300		
	read in	-	Rest of Study Area		100			
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Cemeteries	Cemetery_buff	A		11	Yes	Avoid 500	. 5	
Churches	Churches buff	A		1		AVOID 500		
Recreation Sites	mri_buff	A	•	1	Yes	9 500	- School v	上 学 学 学 美
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			School Transmission (New Asset)				j.	
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NFRASTRUCTURE	PE Name	Туре	Catagory Comments		Include	RECEIPT SET ET	intes indead	Ranking Marking Au
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Nirports	<b>AirportStennis</b>	A	Contains 3 airports			Avoid		
Vells, Oil & Gas	olingas_buff	P				Avoid 100		1. 2. 1
Wells, Water (USGS)	USGS Wells buff	P				4 500	-	
Wells, Water (Dept of Health)	DoHWells_Buff	P				4 100		TE 41 14 1
Pipelines, Natural Gas	NatGasPipelines	L		8	Quantify			
Gas	msgas	L		图	Quantify	N		
Transmission Lines, major	majr_transm10	Ł		1	Quantify			
Power Lines	PowerLines	L			Quantify	A Company		
Water Utility Lines	WaterUtility	L			Quantify			
Wastewater Utility Lines	WastewaterUtility	L						• • • • • • • • • • • • • • • • • • • •
4 7 744			About the figure of the control of t		Van marketin grow (1911)	at the transfer and the	The second of August and Second of Second	And the second s
					<b>Enchade</b>	Ranking Buffer (ff 1)		R Z(fr) No
Stennis Fee Area Boundary	FeeArea_bulf	A		*	Yes	G Annn		
Stennis Buffer Zone	Bufferzone	A		*	No			
						The state of the s		

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## **Port Bienville Phase 1 Feasibility Study**

### **Agenda: Agency Scoping Meeting**

August 23, 2012, 10:00am – 4:00pm CST MDOT Administrative Building, Jackson, MS 6<sup>th</sup> Floor Conference Room

#### **Web Conference URL:**

https://www.connectmeeting.att.com

#### Meeting Number(s):

888-278-0254 or 214-765-0478

#### Access Code:

6588219

10:00 - 10:15 Greeting and Introductions

10:15 - 10:45 Project Overview

10:45 - 11:30 Review of Study Area

11:30 - 12:30 Lunch

12:30 - 2:30 AART Runs

2:30 - 3:30 Closeout

Follow-up Actions:



"Holcomb, Sammy" <sholcomb@mdot.ms.gov> 07/31/2012 05:06 PM

To "Barnwell, Claiborne" <claiborne.barnwell@dot.gov>, "Mark.thompson@noaa.gov" < Mark.thompson@noaa.gov>,

"david\_felder@fws.gov" <david\_felder@fws.gov>,
"Michael T McGuire (mcguiremt@cdmsmith.com)" <mcguiremt@cdmsmith.com>, "Belvin, Michael L (belvinml@cdmsmith.com)" <belvinml@cdmsmith.com>,

bcc

Subject Agency Scoping Meeting - Port Bienville Feasibility Study

The Mississippi Department of Transportation, in cooperation with the Federal Railroad Administration and the Hancock County Development Commission, is preparing a Feasibility Study for the location of a new railroad line to connect the Port of Bienville Short Line Railroad, located at the Port Bienville Industrial Park in Hancock County, and the Norfolk Southern Railroad located in the vicinity of Nicholson in Pearl River County.

This study is in the early scoping stage and views from federal, state, and local agencies, organizations, and individuals are being solicited. A Preliminary Agency Scoping Meeting has been scheduled for Thursday, August 23, 2012, 10:00 A.M. to 4:00 P.M. at the MDOT Administrative Building located at 401 North West Street in Jackson, Mississippi. The meeting will take place in the 6 floor Conference Room and will be a workshop format during which we will discuss the project scope, goals and objectives.

A letter describing this Project and the meeting in more detail will be mailed to you tomorrow. Your participation and assistance will be greatly appreciated.

I thank you in advance for your cooperation. If you have any questions or need additional information, please feel free to contact me.

Sammy Holcomb **Planning Analysis Manager MDOT Planning Division** Office: 601-359-7685

Cell: 769-218-7702

E-Mail: sholcomb@mdot.state.ms.us

My soul finds rest in God alone; my salvation comes from him. (Psalm 62:1)

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"Holcomb, Sammy" <sholcomb@mdot.ma.gov> 07/31/2012 05:06 PM

To "Barnwell, Claiborne" schalbome parnwell@dot.gov>.
"Mark.thor.pscn@noss.gov" </a> </a> <a href="Mark.thor.pscn@noss.gov" clavid\_felder@lws.gov>,
"Allchael T.McGuire (moguremi@c.tmsmirn.com)"
<a href="mailto:com>"Belvin, Viichael L">Com>, "Belvin, Viichael L</a> <a href="mailto:com">belvinml@cdmsmith.com>, "Belvinml@cdmsmith.com>,"belvinm

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Mark C. McConnell Deputy Executive Director/ Chief Engineer

Charles R. Carr · Italiw knola-gam se Director Office of Intermodal Planning



Jackie Duckworth Deputy Executive Director/ Administration

Willie Huff Director Office of Enforcement

Melinda L. McGrath Executive Director

P. O. Box 1850 / Jackson, Mississippi 39215-1850 / Telephone (601) 359-7001 / FAX (601) 359-7110 / www.GoMDOT.com

information, please contact Sammy Holcomb, the Project Maratizer, at 601-158-7685.

July 31, 2012 and your cooperation will you true sweet and the state of the state o

Mr. Kenneth Dean **EPA - MDOT Liaison** U.S. Environmental Protection Agency Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303-8960

Re: Feasibility Study for the Port Bienville Railroad

Project No. FRA-0023-00(003)/105494 101000-102000, Hancock & Pearl River Counties

Ms. kim Thurman, MDOT

Dear Mr. Dean:

The Mississippi Department of Transportation, in cooperation with the Federal Railroad Administration and the Hancock County Development Commission, is preparing a Feasibility Study and, if determined feasible, appropriate Environmental Documentation for the location of a new railroad line to connect the Port of Bienville Short Line Railroad, located at the Port Bienville Industrial Park in Hancock County, and the Norfolk Southern Railroad located in the vicinity of Nicholson in Pearl River County. Possible connections to the Stennis Space Center and the Stennis International Airport will be evaluated, and the proposed new railroad line would transect one, possibly two interstates.

This study is in the early scoping stage and views from federal, state, and local agencies, organizations, and individuals are being solicited. MDOT is seeking early identification of possible economic, social, or environmental effects or concerns. This letter serves as early notification of the project and solicits the views of agency representatives regarding potential impacts associated with the project. Your assistance in this regard will be greatly appreciated.

A Preliminary Agency Scoping Meeting has been scheduled for Thursday, August 23, 2012, 10:00 A.M. to 4:00 P.M. at the MDOT Administrative Building located at 401 North West Street in Jackson, Mississippi. The meeting will take place in the 6th floor Conference Room. The meeting will be a full-day workshop during which we will discuss the project scope, goals and objectives; review the study area; and discuss the Alignment Alternatives Research Tool, or AART, a GIS-based tool that will be used for corridor identification and evaluation.

Mark.C. McCornell Okp. nr Dicrothe Dir Cher Lunger

To facilitate your participation in the process, we have attached a study area map along with some background information on the Alignment Alternatives Research Tool. The project team is currently preparing the project geographic information system (GIS) and project database, and any statistical data your agency can provide will be handled with discretion and fully considered during project development.

Charles B. Ca Director Other of Direct

I thank you in advance for your cooperation. If you have any questions or need additional information, please contact Sammy Holcomb, the Project Manager, at 601-359-7685.

Sincerely

Jeff K. Ely A.E.

State Planning Engineer MDOT Planning Division

Mr., Kenneth Dean

EPA - MDOT Liaison

U.S. Environmental Protection Agents

Atlanta Federal Centur

E1 Forsych St., SW

Atlanta - Ca angna soon

Feasibility Study for the Port Bienville Railroad

Project No. FRA-0023-00(003)/105494 101000-102000.

cc:

Ms. Catherine Dobbs, FRA

Mr. John Winkle, FRA

Ms. Janet Sacks, HCDC

Mr. Sammy Holcomb, MDOT Ms. Kim Thurman, MDOT

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## Proposed Study Area, Port Bienville, MS

